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THE NEW SYDENHAM SOCIETY.

INSTITUTED MDCCCLVIII.

VOLUME LXXVIII.

BIBLIOTHECA THERAPEUTICA,

OR

BIBLIOGRAPHY OF THERAPEUTICS,

CHIEFLY IN REFERENCE TO

ARTICLES OF THE MATERIA MEDICA,

WITH

NUMEROUS CRITICAL, HISTORICAL, AND THERAPEUTICAL ANNOTATIONS,
AND AN APPENDIX CONTAINING THE BIBLIOGRAPHY OF
BRITISH MINERAL WATERS.

BY

EDWARD JOHN WARING, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON, FELLOW OF THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND, LATE SURGEON IN
HER MAJESTY'S INDIAN ARMY.

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SOUTH
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PREFACE.

THE present work was not originally intended for publication in a separate form; the several articles contained in it constituted the bibliographical portions of an ambitious work I commenced some five and twenty years since, which was designed to be 'An Encyclopædia of Therapeutics.' On it was bestowed the assiduous labour of the last ten years of my Indian service, but it has come to nought; from circumstances into which it is needless to enter, it remains a mass of unfinished manuscript.

Unwilling, however, that my labour should be entirely lost, I resolved to endeavour to rescue from oblivion the bibliographical portion, to which from the beginning special attention had been directed. By adopting this course I trust that I may render some assistance to future labourers in the field of therapeutic inquiry, and induce others to turn their attention to an interesting and much neglected branch of medical literature.

It is not pretended that the articles as they are now presented to the reader are mere transcripts of the original drafts from my contemplated Encyclopædia: far from it; they were then comparatively limited and meagre, consisting only of works mentioned in Mérat and De Lens' 'Dictionnaire Universel de Matière Médicale et de Thérapeutique Générale' (which was taken as the basis of my own operations); Watt's 'Bibliotheca Britannica;' Pritzel's 'Thesaurus Literaturæ Botanicæ;' and Ruprecht's 'Bibliotheca Medico-Chirurgica' (from 1847 to 1858); these being the only bibliographical works to which I had access whilst in India. It was only after my return to England in 1863 that I became acquainted with the writings of Haller, Ploucquet, Engelmann, Callisen, Zuchold, &c., which supplied me with abundant additional material, and have

contributed to swell the work to its present rather formidable proportions.

From these and other sources, enumerated hereafter, I have collected and brought together upwards of 10,000 works relating to therapeutics and articles of the Materia Medica. To these have been appended critical, historical, or practical notes, collected and original, in about 2000 instances, thus adding greatly to the practical and permanent value of the work. Its utility will also, it is believed, be further enhanced by the endeavour to point out the particular medical libraries in Great Britain where copies of the various works, especially the older and scarcer volumes, may be seen and consulted.

This large mass of materials is divided into, and arranged under 660 separate headings or articles. As in each case the works are arranged in chronological order, the reader has presented to him a concise literary history of each individual article. This, of course, is frequently short, comprising only one or two books, but in others it is very extensive; for instance the article Cinchona (pp. 337-362), which presents a record of no less than 332 works with 83 annotations. The bibliographies of mercury, opium, arsenic, iodine, anæsthetics, &c., are also very extensive.

I profess to deal solely with *books* or monographs; but occasionally, when I have met, in a medical or scientific journal, with an article which evidences special merit, or which has exercised an influence, favourable or otherwise, on any particular therapeutic agent, it has been admitted without scruple, though it never may have appeared in a separate form; such however, must be regarded as exceptions.

A few words are necessary to account for the omission of certain works of acknowledged therapeutical value which, it may be thought, should have found a place in the following pages. The books in question belong to one or other of the first two articles in Part I—General and Special Therapeutics. Under both these headings it was found necessary to restrict the selection, with one or two exceptions, to those works which deal *professedly* with therapeutics, in which, in fact, the *word* "therapeutics" forms part of the title.

With regard to the first heading, had no such line of demarcation been drawn, the list would have been so overcrowded with

systematic treatises on Materia Medica and Medical Botany, with Dispensatories, Herbals, and other works of that class, that the distinctive character of the article as one on therapeutics would have become almost entirely obliterated. Several of the more important of these, however, have found admission in the article "Medicines, their Properties and Uses."

If this line of demarcation was found necessary under the first heading, still more so was it in the second, viz. that dealing with Special Therapeutics. Had only the works bearing on their titles the *synonyms* of therapeutics (take only two, *e.g.* "methodus medendi" of former ages and "treatment" of later days) been admitted, it would have opened the list to almost every treatise on practical medicine which has issued from the press during the last three hundred years. It confessedly seems anomalous that in an article dealing with special therapeutics, such works as Fuller on Rheumatism, Salter on Asthma, and Pavy on Diabetes, all of which are replete with therapeutic instruction, should be omitted, whilst other works of vastly inferior merit are admitted, for the simple reason that the former have not, and the latter have, the word "therapeutics" on the title-pages of the respective works. Several attempts were made to remedy this state of things, but on each occasion I found myself in such a labyrinth of doubt and difficulty that I was only too happy to return for safety behind my old shelter, the *word* "therapeutics."

In dealing with the minor articles of the Materia Medica some difficulty was experienced in deciding upon those which should, and those which should not, find a place in this work. Some, it is felt, have been admitted which for all practical purposes might perhaps have been as well left out, and on the other hand, some few it is feared, have been omitted which should not have been so. Amongst those purposely omitted are certain antiquated and obsolete remedies as Bezoar, Crab's eyes (*Lapilli cancrorum*), the Millepede (*Oniscus*), the Earth-worm (*Lumbricus terrestris*), Ægropila, Mithridate, Theriaca Andromachi, and Usnea seu Muscus cranii humani, all of which have been made the subjects of treatises by old writers; those on Theriaca alone number upwards of thirty. Feeling that no possible good could be attained by introducing these and others of the same class they have been omitted, without, it is hoped, any detriment to the value of the work.

It would be affectation to deny the gratification the New Sydenham Society has afforded me in undertaking the publication of this work, thus ensuring it a circulation it never could otherwise possibly have had. The second and concluding volume, the printing of which has already commenced and which will be completed with as little delay as possible, will be found to constitute, in some points, a key to the present one, since it will contain full Indices of Contents and other matters which are indispensable towards the formation of a just and rightful estimate of the value of the work as a whole.

My best thanks are due to my brother, George Waring, M.A., of Oxford; to my friend Mr. John Allan Broun, F.R.S., and his family; and last, but not least, to Mr. B. R. Wheatley, the able Resident Librarian of the Royal Medical and Chirurgical Society, all of whom have rendered me most valuable assistance in revising the sheets as they passed through the press—a task of no small magnitude, considering the polyglot character of the work. My best thanks are also due to Dr. Norman Chevers, whom I have frequently had occasion to consult, and always with advantage.

LONDON;
March, 1878.

INTRODUCTION.

During the last half century only two works treating specially of medical bibliography have issued from the British press, namely, Atkinson's 'Medical Bibliography,' published in 1834, and Forbes's 'Manual of Select Medical Bibliography,' which appeared in the following year. The former is very incomplete, extending only to the end of letter B in the list of authors' names, and the latter, though excellent as far as it goes, is in the very course of things, after a lapse of above forty years, very inadequate to meet the requirements of the student of the present day.

From this statement, however, it must not be inferred that the subject, during that long interval, has been wholly neglected in this country. Appended to several medical treatises, *e.g.* Neal on 'Ergot' (1828); Thompson on 'Phosphorus' (1874); Chatto on 'Diphtheria' (1859); Churchill's 'Operative Midwifery' (1841); Pereira's 'Materia Medica and Therapeutics' (1857), &c., are bibliographies more or less extensive, whilst those concluding the various articles in Copland's great dictionary of 'Practical Medicine' (1844-1858) would, if collected and issued in a separate form, constitute a volume of very high bibliographical importance.

Much more might have been accomplished in the promotion of medical bibliography had the ruling powers of our medical libraries issued an "Index of Subjects," or "Classified Arrangement of Contents," to their respective catalogues, after the excellent example set by the Royal College of Surgeons of England, the Royal Medical and Chirurgical Society of London, and the Medical Society of Edinburgh. The results in each of these instances have been so satisfactory as to enhance the feeling of regret that the same laudable plan has not been followed in all other cases. It may be added that the Royal Medical and Chirurgical Society has in the press at the present time a revised catalogue of their extensive library,

which promises, when completed, to be a valuable aid to future bibliographers. No library catalogue should be considered complete without an index of subjects.

A complete system of medical bibliography in all its branches is very desirable, and would be invaluable to the student; but the undertaking would be of such gigantic dimensions that no individual could hope, single-handed, to be able to accomplish it in his lifetime. Such a work could only be produced by the combined efforts of several medical *littérateurs*, each taking a separate portion or divison of the subject, but all guided by the same principles of action, so as to produce one harmonious whole. A step in this direction seems to have been taken in America, if we may judge from the first fasciculus of a work entitled 'Catalogue of the National Medical Library,' under the direction of the Surgeon-General of the United States Army, compiled by John S. Billings, M.D., issued in 1876.

In recording the titles of the various books in the following pages the constant endeavour has been to give them so fully as to indicate succinctly, yet clearly, the scope and character of the contents, without over-burdening them with superfluous details. Some titles are so lengthy and complex that to have given them *in extenso* would have been to occupy a vast amount of space without any commensurate advantage: of these only abridgments have been given. On the other hand, the titles of some books, especially foreign ones, have reached me in so abbreviated a form that it is feared occasionally they are imperfectly or insufficiently described. Still I have done the best I could with the materials at hand.

An asterisk * is employed to denote Inaugural Dissertations, Academical Theses, and other works of that class; these, as will be seen, constitute a large proportion of the books in each heading, especially of those on individual articles of the Materia Medica. It is customary to think and speak disparagingly of this class of books, but from an examination of a considerable number of them I am convinced that their value, in a large number of instances, has been greatly underrated. I allude to those only which treat of articles of the Materia Medica to which class my knowledge is chiefly confined, and many of these evidence much laborious research as well as original investigation on the part of the authors. Any one who will take the trouble of looking through the collection of old Inaugural Dissertations brought together by Schlegel in his 'Thesaurus

Materiæ Medicæ' (Leipzig, 3 vols. 8vo, 1793) will, I think, coincide in the opinion I have just expressed. In recent times many of the theses emanating from the French, German, and other foreign universities are deservedly held in high esteem for their scientific and practical value. The titles alone of many of the old Paris theses are of importance, as serving to fix the dates at which certain drugs or modes of treatment were introduced, or were in general use.

There is one point in connection with the German inaugural dissertations, of the last century especially, which requires a few brief observations. It is the confusion which hangs over the parts which the "Præses," "Respondens," and "Respondens-Auctor," respectively took in their production. Some of the highest bibliographical authorities, as Haller, Pritzel, and Dryander, place all these dissertations under the name of "the Præses," often ignoring altogether the name of the "Respondens." Feeling it to be an open question how far this is just, or even correct, I have endeavoured to steer a middle course. Every dissertation by a "Respondens-Auctor" has been regarded as belonging rightfully to him, as the author, and as such his name has been inserted first; that of the "Præses" occupying a secondary position. The same course has been followed in some other cases, where from an examination of the treatise or other circumstances there has been reason to conclude that the "Respondens" was the author, though he may not have appended the affix of "Auctor" to that of "Respondens." In all others no attempt has been made to alter a pre-existing arrangement, though I do not feel satisfied of its correctness. If wrong, however, I have the consolation of feeling that I am erring in good company.

Reprints constitute another class of literature which has been a source of much trouble to me, and they promise to be a source of still greater trouble to future bibliographers, through the now general practice of authors having extra copies of their contributions to periodical literature struck off, and sending them to the various medical societies and libraries, in whose catalogues they are frequently inserted as if they were separately printed monographs. The most feasible plan for checking this growing evil would be for librarians to agree not to insert a reprint in their catalogues unless it is furnished with a regular title page mentioning the date and place of publication, together with a statement as to the name and date of the periodical in which it originally appeared. Reprints

should further be denoted in catalogues by a sign in the same way as inaugural dissertations.

The attempt to point out the libraries of Great Britain which possess copies of the works mentioned in the following pages has entailed considerable labour, for in the case of those catalogues which have no index of subjects I have had to construct one for myself so far as works relating to the subject in hand are concerned. The labour will, it is thought, be amply repaid by the additional usefulness which the information thus gained will impart to this work. The catalogues examined for this purpose are those of the Royal College of Physicians of London, Royal College of Surgeons of England, Royal Medical and Chirurgical Society, Linnean Society, Medical Society of London, Pharmaceutical Society of Great Britain, Sir Joseph Banks' Library (now in the British Museum), University of Edinburgh, Royal College of Physicians of Edinburgh, Medical Society of Edinburgh, Faculty of Physicians and Surgeons of Glasgow, Manchester Medical Society, and the Radcliffe Library, Oxford. Occasional references are also made to the catalogue of the library of the late Dr. Roy, of the Hague, mentioned below, in consequence of its containing many rare early German and Dutch works, of which no notice occurs in other catalogues. Although it may be taken for granted that where a work is specified as being in a certain library it is to be found there, it must not be inferred that because it is not so specified it is necessarily absent, for it must be remembered libraries are progressive whilst catalogues are stationary. Many of the latter consulted by me were issued several years since, and during the interval large additions of old as well as of modern works have probably been made to the library of which no mention occurs in the catalogue. The only catalogue brought fully up to date is that of the Royal Medical and Chirurgical Society; this has been of material service to me.

In the collection of the critical and other annotations appended to the various works, most of the British medical reviews and journals for the last hundred years have been laid under contribution, from the first volume of 'Duncan's Medical Commentaries' in 1774 to the last number of the 'Practitioner' in 1875. In the preparation of this portion of the work, which I regard as very important, I have consulted more or less complete sets of the 'British and Foreign Medical Review' (1836—1847), 'Johnson's Medico-Chirurgical Review' (1816—1851), 'British and Foreign

Medico-Chirurgical Review' (1848—1876), 'Edinburgh Medical and Surgical Journal' (1805—1855); and its continuation, the 'Edinburgh Medical Journal' (1855—1876), 'Dublin Journal of Medical and Chemical Science' (1832—1845), 'Dublin Quarterly Medical Journal' (1845—1876), 'American Journal of Medical Science' (1828—1876), 'The Practitioner' (1868—1876), 'Glasgow Medical Journal,' 'London Medical Gazette,' 'London Medical Times,' 'Medical Times and Gazette,' 'Lancet,' 'British Medical Journal,' 'London Medical Record,' *cum multis aliis.*

In most cases the extracts are given *verbatim*, but occasionally when the reviews are very lengthy or verbose, the sense rather than the very words has been given; but the student can in every instance verify their correctness by referring to the original, the volume and page being in all cases carefully cited. Copious extracts with reference to the older class of books have been made from Haller's 'Bibliotheca Medicinæ Practicæ' and his 'Bibliotheca Botanica;' and it has been deemed advisable to give these in Haller's own Latin words rather than in English, as it was thought they might lose much of their force and pithiness by translation; many of them, however, appear in an abridged form. Whenever an annotation occurs without a reference attached to it, the inference to be drawn is that the said annotation is original, drawn from my own knowledge, or from a personal examination of the work in question.

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LIST OF LATIN AND FOREIGN NAMES OF SOME OF THE LOCALITIES MENTIONED IN THE WORK.

Aachen, Aix-la-Chapelle.
Aboa, Abo (Finland).
Aquisgranum, Aix-la-Chapelle.
Argeatina, } Strasburg.
Argentoratum, }
Augusta Taurinorum, Turin.
Augusta Vindelicorum, Augsburg.
Aurelia Allobrogum, Geneva.
Berolinum, Berlin.
Bononia, Bologna.
Brunsviga, } Brunswick.
Brunsvicum, }
Bruxella, *Bruxelles*, Brussels.
Budissa, } Bautzen (Saxony).
Budissina, }
Cadomum, Caen.
Cantabrigia, Cambridge.
Cöln, Cologne.
Colonia, }
„ *Agrippina*, } Cologne.
„ *Ubiorum*, }
Colonia Allobrogum, Geneva.
Cracovia, Cracow.
Dantiscum (Danzig), Dantzic.
Dorpatum, Dorpat.
Dresda, Dresden.
Duisburgum, Duisburg.
Edinburgum, Edinburgh.
Erfordia, *Erfurtum*, Erfurt.
Firenze (Ital.), Florence.
Florentia (Lat.), Florence.
Francofurtum ad Moenum, Frankfort-on-the-Main.
Francofurtum ad Viadrum, Frankfort-on-the-Oder.
Fribergum, Freiberg (in Saxony).
Gandavum, *Ganda*, Ghent.
Gedanum, Dantzic.
Genua, *Genova*, Genoa.
Giessa, Giessen.
Glasgua, Glasgow.
Gottinga, Göttingen.
Gravenhage, The Hague.
Gratianopolis, Grenoble.
Groninga, Gröningen.
Gryphæum, *Gryphia?* Zurich.
Gryphisvalda, Greifswalde.
Hafnia, Copenhagen.
Haga, The Hague.
Hala Magdeburgica, Halle (in Prussia).
Hala Suevica or *Suevorum*, Halle (in Wurtemberg).
Hamburgum, Hamburg.
Harderovicum, Harderwyck.
Havnia, Copenhagen.
Heidelberga, Heidelberg.
Helmstadium, Helmstadt.
Herbipolis, Würzburg.
Holmia, Stockholm.
Jena, Jena.
Ingolstadium, Ingolstadt.
Julia Augusta, Parma.
Kilia, *Kilonium*, Kiel.
Labro, Leghorn.
Landshutum, Landshut (Bavaria).
Leodium, *Leodicum*, Liege.
Lipsia, Leipzig.
Lissabona, Lisbon.
Livorno, } Leghorn.
Livornia, }
Londinum, London.
„ *Gothorum*, Lund (Sweden).
Luca, Lucca.
Lugdunum Gallorum, Lyons.
Lugdunum Batavorum, Leyden.
Lunda Gothorum, Lund (Sweden).
Lutetia vel *L. Parisiorum*, Paris.
Luttich, Liege.
Madritum, Madrid.
Magdeburgum, Magdeburg.
Malina, Mechlin.
Marburgum, *Marpurgum*, Marburg.
Metæ, *Metis*, Metz.
Moguntia (*Mainz*, Germ.), Mayence.
Monachium, Münich.
Mons Belligardus, Montbeliard.
Mons Pessulanus, Montpellier.
Moscovia, *Mosqua*, Moscow.
München, Munich.
Napoli, } Naples.
Neapolis Parthenope, }
Norimberga, *Nuremberga*, Nurnberg.
Œnipons, *Œniopontum*, Innspruck.
Olisipo, Lisbon.
Oxonia, *Oxonium*, Oxford.
Padova, Padua.
Papavium, Padua.
Papia, Pavia.

Parisii, Paris.
Patavium, Padua.
Pestinum, Pesth (Hungary)
Petropolis, St. Petersburg.
Pisa, Pisa.
Quedlinburgum, Quedlinburg.
Regensburg, Ratisbon.
Regiomontium, Königsberg.
Rhausium, Ragusa.
Rostochium, Rostock.
Roterodamum, Rotterdam.
Rothomagus, Rouen.
Rovinium, Rovigo.
Salamantica, Salamanca.
Salisburgium, Salzburg.
Sedinum, Stettin.
Stutgardia, Stuttgard.
Taurinum (*Torino*, Ital.), Turin.
Ticinum Regium, Pavia.
Tigurum, Zurich.
Tolosa, *Tolosatium*, Toulouse.
Trajectum ad Mosam, Maestricht.
Trajectum ad Oderam, Frankfort.
Trajectum ad Rhenum, Utrecht.
Tridentum, Trent.
Tubinga, Tübingen.
Turicum, Zurich.
Ultrajectum, Utrecht.
Ulysippo, *Ulyssipolis*, Lisbon.
Upsalia, Upsala.
Valdoletum, Valladolid.
Varsovia, Warsaw.
Venetia, *Vinegia*, Venice.
Vicentia, Vicenza.
Vindobona, Vienna.
Viteberga, *Witteberga*, } Wittemberg.
Vratislavia, Breslau.
Wirceburgum, Würzburg.

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To omit the name of Cullen in a work purporting to be a bibliographical history of therapeutics, even although in so doing we infringe the general rule of excluding works which profess to treat only on materia medica, would be a mistake as well as an act of ingratitude; for to him is due, in Great Britain at any rate, the honour of having been one of the first writers, if not the very first, who rescued therapeutics from the domain of a blind empiricism, and placed it on something like a scientific basis. He may, indeed, be regarded as the father of the modern science of therapeutics. It is true that, looking at this work in the light which we now in 1877 possess, the information conveyed often seems very meagre and imperfect; but it is impossible to peruse it and compare it with the works of Cullen's immediate predecessors or of contemporary writers without being forcibly struck by its immense superiority and by the comprehensive philosophical manner in which the subject is treated.

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In this work M. Alibert presents not only full and, in general, instructive views of the theory of the operation of medicinal agents, but he gives a most complete description of each remedial substance, under the several heads of its natural history, its chemical properties, its medicinal properties, and the mode of its administration. The general arrangement of M. Alibert is founded on the distinction of the different functions; thus, he treats successively of remedies which act on the function of assimilation, of those which act on the functions of relation (?), and of those which act on the functions of reproduction.—*Edin. Med. Surg. Journal*, xl, 1834, p. 477.

1805. SCHWILGUÉ, C. J. A. Traité de Matière Médicale. Paris, 2 vols. 12mo. Second ed. Paris, 1809, 2 vols. 8vo; third ed. ibid. 1818.

This work appears to have been very much esteemed; for though the author died in 1808, before he was capable of publishing a new edition, this was done with materials he left, by M. Nysten in 1809. Nysten was cut off by apoplexy in 1818, while he was engaged in the completion of the third edition, which is the work to which the following remarks apply. It consists of two parts: the first is a system of pharmacology, giving short sketches of the natural, physical, and chemical history of medicines, with their pharmacological preparations and uses; the second part, denominated a Clinical Pharmacopœia, exhibits more complete views of the history of the different agents employed in the treatment of disease, with good accounts of their physiological effects and their therapeutic powers. This treatise is entitled to considerable attention from the philosophical character of the views given on the operation of medicines, and from the general spirit of accuracy with which it is pervaded.—*Edin. Med. Surg. Journal*, xli, 1834, p. 476.

1806. AUGUSTIN, F. L. Handbuch der allgemeinen med. Therapie. Berlin u. Leipzig, 8vo, pp. 448.

1807. GIRAUDY, C. F. S. Tableau des Indications Thérapeutiques. Paris, 8vo. Second ed. 1818, folio; third ed. 1827.

1807. HECKER, A. F. Kurzer Abriss der Therapie. Berlin, 8vo.

1807. NAY, —. Programma de influxu neo-chemiæ in Pathologiæ et Therapiæ studium. Heidelbergæ, 4to.

1807. WERNECK, L. F. F. Versuch einer Pflanzen Pathologie und Therapie. Mannheim, 8vo.

1807-12. MARCUS, F. A. Entwurf einer speziellen Therapie. Nürnberg, 8vo. French transl. by E. L. Jacques, Paris, 8vo, 1825.

1808. NEUMANN, C. G. Allgemeine Therapie. Leipzig, 8vo, pp. 212. Second ed. 1811.

1810 SAUNDERS, W. Institutes of Therapeutics and Materia Medica. London, 8vo. *Bibl. Pharm. Soc. Lond.*

1810. SPINDLER, J. U. Allgemeine Nosologie und Therapie als Wissenschaft. Frankfurt am Main, 8vo, pp. 222.

1810-19. SPRENGEL, K. Therapia Generalis (Institutiones Medicæ), Vol. vi, Part 1. Paris. Amst. et Lips., 6 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1811. THOMSON, A. T. The London Dispensatory, a practical synopsis of Materia Medica, Pharmacy, and Therapeutics. London, 8vo. Eleventh and best ed. by Dr. A. B. Garrod, London, 1852, 8vo.

No greater proof of the intrinsic merit of this work can be given than the fact that for upwards of half a century it held its own against all new comers, and during that long period it was alike held in high esteem by the student as a text-book and by the practitioner as a work of reference.

1811. HORSCH, P. J. Handbuch der allgemeinen Therapie, &c. Würzberg, 8vo.

1811. WALTHER, J. A. Grundzüge der Nosologie und Therapie. Erfurt, 8vo, pp. 142.

1812. KIESER, D. G. Grundzüge der Pathologie und Therapie des Menschen. Jena, 8vo, pp. 204.

1812. SCHMIDT, J. A. Prolegomena zu der allgemeinen Therapie und Materia Medica. Wien, 8vo.

1813-24. RICHTER, A. G. Die specielle Therapie; herausgegeben von G. A. Richter. 9 vols. in 10, 8vo, Berlin. Latin transl. by F. G. Wallroth, Berol. 1819-20, 2 vols. 8vo. Swedish transl. by J. G. Collin, Stockholm, 1824-36, 10 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.* (Latin transl.)

1815. LIARD, H. F. *Considérations sur les passions et les affections de l'âme, et sur le parti qu'on peut en tirer dans la Thérapeutique. Paris, 4to, pp. 115.

1816. GIRAUDY, C. F. S. Traité de la Thérapeutique Générale, ou des règles à suivre dans le traitement des maladies. Paris, 8vo, pp. 480. *Bib. Med. Soc. Edin.*

1816. ACHARD-LAVORT, —. Principes de Thérapeutique appliqués aux maladies internes. Paris, 8vo.

1816. REIL, J. C. Entwurf einer allgemeinen Therapie. Halæ, 8vo.

1816-17. RAIMANN, J. N. E. VON. Handbuch der speciellen medic. Pathologie und Therapie. Vienna, 2 vols. 8vo. Second ed. ibid. 1823; third ed. ibid. 1826; fourth ed. ibid. 1831-2. Italian transl. by Dr. G. Ballarini, Pavia, 8vo, 1824; another ed., Pavia, 1836, 2 vols. 8vo, from a Latin transl. by A. Buffini, 1830. *Bibl. Coll. Surg. Lond.* (ed. 1832).

The author has portrayed the phenomena of disease with great clearness and ability; and though his pathology is sometimes antiquated and erroneous, his practical precepts are generally good, and such as would be dictated by reason and good sense.—*American Journ. Med. Sci.*, vii, 1830, p. 215.

1816-25. HILDEBRAND, J. V. AB. Institutiones practico-medicæ, rudimenta Nosologiæ et Therapiæ specialis complectentes. Viennæ, 4 vols. 8vo. Italian transl. by F. Tantini, Pisa, 1818, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1817. HENSLER, P. G. Allgemeine Therapie, herausg. von K. G. Kühn. Leipzig, 8vo. *Bibl. Coll. Surg. Lond.*

1817. CHAPMAN, N. Discourses on the Elements of Therapeutics and Materia Medica. Philadelphia, 2 vols. 8vo. Second ed. ibid. 1821; third ed. ibid. 1823; fourth ed. ibid. 1825. *Bibl. Med.-Chir Soc.*

1818. REMER, W. Allgemeine Therapie der Krankheiten des Menschen. Breslau, 8vo, pp. 544.

1818. MENARD, J. L. M. Essai de Matière Médicale et de la Thérapeutique; précédé d'une introduction sur la Bibliographie Médicale. Montpellier, 8vo.

1818-28. HUFELAND, C. W. System der pract. Heilkunde. Jena, 3 vols. 8vo.

This work, which comprises a system of general and special Therapeutics, has been held in high esteem, having gone through several editions and translations.

1819. CHIAVERINI, L. Elementi di Farmacologia Terapeutica comparativa. Napoli, 3 vols. 8vo.

1819-20. CONRADI, J. W. H. Grundriss der Pathologie und Therapie. Marburg, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1820. LEUDET, E. *Propositions d'Anatomie, de Physiologie, de Thérapeutique, &c. Paris, 4to.

1821. GARNERUS, H. Rudimenta Hygienes, Pathologiæ et Therapeuticæ. August. Taurin. 8vo. *Bibl. Coll. Surg. Lond.*

1821. TARGIONI TOZZETTI, G. Lezioni di Materia Medica e Terapeutica. Firenze, 8vo.

The pretensions of this work are not very high, and though in many points meagre and rather scanty, it exhibits a sketch, not uninstructive, of the

therapeutic agents employed in the treatment of disease.—*Edinburgh Med. Surg. Journal*, xli, 1834, p. 377.

1822. CLOQUET, H. Faune des Médecins, ou Hist. des Animaux et de leurs produits considérés sous le rapport de la Bromatologie, la Thérapeutique, et la Toxicologie.
Paris, 6 vols. 8vo.

1822. FIÉVÉE, F. Pharmacologie Magistrale, avec des considérations thérapeutiques, pathologiques et physiologiques, précédée d'une étude de l'art de Formuler, &c. Paris, 8vo, pp. 501.

1822. EBERLE, J. Treatise of the Materia Medica and Therapeutics. Philadelphia, 2 vols. 8vo. Second ed. 1825; fourth ed. 1836; fifth ed. 1851.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

Although in a great degree superseded by the recent and more extensive treatises of Wood, Stillé, and Dunglison, Eberle's work has long been held in deservedly high estimation on both sides of the Atlantic. It contains a large amount of therapeutic information drawn from reliable sources, which the author, in many instances, supplements by the record of his own personal observations. For several years it has been one of my most esteemed works of reference.

1822-25. GERI, L. Terapeutica Operativa. Turin, 5 vols. 8vo.

1823. LEUPOLDT, J. M. Grundriss der allgemeinen Pathologie und Therapie des somatischen und physischen Menschenlebens.
Leipzig und Berlin, 8vo, pp. 261.

1823. LAURENT, L. *Propositions de physiologie, pathologie, et Thérapeutique. Paris, 4to.

1823. MAME, J. *Propositions d'étiologie et de Thérapeutique sur les tempéramens et les idiosyncrasies. Paris, 4to.

1824. REGNIER, A. G. *Propositions de physiologie, de pathologie et de Thérapeutique. Paris, 4to.

1824. BARBIER, J. B. G. Traité de Matière Médicale (first ed. 1819); revu et augmenté d'applications à la Pathologie et à la Thérapeutique. Paris, 3 vols. 8vo. Spanish transl. Madrid, 1829, 2 vols. 12mo. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

In this treatise we can recognise a gradual improvement from those of Schwilgué and Alibert, and a more complete approximation to an extended scientific view of medicinal agents employed in the cure and alleviation of disease. After some judicious observations on the physiological action of medicines on the living frame and their effects on the different organs and tissues, M. Barbier gives a full and pretty just view of the general effects of medicines, followed by a consideration of their therapeutic influence, or that which tends to allay or subdue morbid, and restore healthy action; and he concludes this preliminary sketch with a short view of the best mode of classifying medicines according to their pharmacological properties and relations. His classification does not materially differ from that of Cullen, Murray, and Pearson. In the subsequent part of the work he gives full and accurate accounts of the natural history, the physical and chemical properties, pharmaceutical preparations and therapeutic effects, of the various articles, with some details of their effects when given in poisonous doses. The work forms altogether a valuable and instructive system.—*Edinburgh Med. Surg. Journal*, xli, 1834, p. 478.

1824. BARTELS, E. D. A. Lehrbuch der allgemeinen Therapie. Marburg, 8vo, pp. xvi, 168.

1825. ROSTAN, M. L. Cours de Médecine Clinique; ou, Traité élémentaire de Diagnostic, de Prognostic et d'Indications Thérapeutiques. Paris. Second ed. Paris, 3 vols. 8vo, 1830; third ed. ibid. 1831; ed. alt. Brussels, 1836, 8vo. Italian transl. Firenze, 8vo. *Bibl. Med.-Chir. Soc.*

The portion relating to therapeutic indications contains little or no novelty. These subjects are treated far more cursively than their importance requires. —*Med.-Chir. Rev.*, January, 1827, p. 60.

1825. CHAPMAN, N. Elements of Therapeutics and Materia Medica. Philadelphia, fourth ed. 2 vols. 8vo. *Bibl. Coll. Surg. Lond.*

1825. BÉGIN, L. J. Traité de Thérapeutique rédigé suivant la nouvelle doctrine médicale. Paris, 2 vols. 8vo. English transl. by X. Tessier, 1829, New York, 8vo. *Bibl. Coll. Phys. Edin.*

1825. PARRY, C. H. Elements of Pathology and Therapeutics. Bath, vol. i, 8vo. pp. 463. *Bibl. Med.-Chir. Soc.*

This vol. i has reference to pathology; vol. ii, which deals with Therapeutics, was never completed owing to the death of the author, and consists of forty-six pages only, published as an appendix to vol. i.

1825. SEMMOLA, G. The principal errors of Therapeutic Philosophy. (In Italian.) Cinodia, 8vo.

1825. VALENTI, E. J. G. DE. De Therapiæ generalis notione vera. Berol. 8vo.

1826. LICHTENSTÄDT, J. R. Materiæ Medicæ Universæ secundum characteres naturales et Therapeuticos diversos prospectus. Vratislaviæ, 8vo, pp. 78.

1826. BLAGNY, D. Considérations sur la Thérapeutique Médicale. Paris, 4to, pp. 64.

1826. WOLFART, C. C. Nosologische Therapie. Berlin, 8vo.

1827. SIBERGUNDI, J. R. Grundriss der generalen Therapie. A German transl. from the Italian by C. F. Harless. Essen, 8vo, pp. 238.

1827. SUNDELIN, C. H. W. Pathologie und Therapie der Krankheiten mit materieller Grundlage. Berlin, 2 vols. 8vo, pp. 359, 460.

1827-28. BARBIER, J. B. G. Précis de Nosologie et de Thérapeutique. Paris, 2 vols. 8vo. *Bibl. Coll. Surg. Lond.*

1828. FÉE, A. L. A. Cours d'Histoire Naturelle Pharmaceutique, ou Histoires des substances usitées dans la Thérapeutique, les arts, et l'économie domestique. Paris, 2 vols. 8vo.

A work of considerable merit, arranged on a Natural History basis, being divided into three parts:—1, Animal; 2, Vegetable; 3, Mineral or Metallic. In the particular history of each medicinal agent M. Fée enumerates categorically:—1. The synonyms, modern, ancient and popular. 2. The characteristic denomination and habitat of the object by which the medicine is furnished. 3. The description of the medicinal agent. 4. Its sensible characters. 5. The operation of time and of cultivation. 6. Adulterations, substitutions, and alterations. 7. Its chemical properties. 8. Its various uses in pharmacy, &c. 9. Cultivation. 10. Its importance as a commercial article. 11. Historical notices. And 12. The etymology of the name. To this order

M. Fée has adhered in general with great accuracy, and he has consequently succeeded in giving a more precise and instructive history, physical, chemical, pharmaceutical and therapeutical, of the various articles of the materia medica than any of his contemporaries.—*Edin. Med. Surg. Journal*, xli, 1834, p. 480.

1828. COOKE, J. E. A Treatise on Pathology and Therapeutics. Lexington, U.S., in 3 vols. 8vo., only 2 published.

The author seems to have two guiding stars—1, as to pathology, that all diseases arise from "an accumulation of blood in the interior veins," the result of a weakened action of the heart; and 2, as to therapeutics, that the great remedy for this state of things is purgation, "repeated again and again without looking to any ill consequences that such a persevering course may induce. This purging is quite a passion with the author, and employed on nearly all occasions, and to answer opposite and contrary indications.—*American Jour. Med. Sci.*, viii, 1831, p. 138.

1828. MIGNOT, F. *Diss. sur quelques points de Matière Médicale et de Thérapeutique. Paris, 4to.

1828. WINKLER, J. M. Allgemeine Therapie, oder allgemeine Krankheitenlehre. Wien, 2 vols. 8vo, pp. 375, 399.

1828. MARTINET, L. Manuel de Thérapeutique et de Matière Médicale. Paris, 18mo, pp. 580. English transl. by Dr. R. Norton, 1830, London, 8vo, pp. 323. *Bibl. Coll. Surg. Lond.*

A very useful little book for students.—*Med.-Chir. Rev.*, March, 1830, p. 573.

1828-31. CONRADI, J. G. H. Handbuch der speciellen Pathologie und Therapie. Cassel, 2 vols. 8vo.

1828-37. BAYLE, A. L. J. Bibliothèque de Thérapeutique, ou Recueil des Mémoires originaux sur le traitement des maladies et l'emploi des Médicamens. Paris, 4 vols. 8vo.

A valuable work of reference, containing articles or monographs on the following drugs:—Iodine, Tartar Emetic (in large doses), Pomegranate Root, Copaiba, Phosphorus, Nux Vomica and Strychnia, Stramonium, Belladonna, Digitalis, Ergot, Conium, Salts of Iron, and Oleum Terebinthinæ, besides two articles on Acupuncture and Compression. After a fair notice of preceding writers on each subject follows a useful résumé of their observations. The whole is carried out in a careful and philosophical manner. Some of the articles are of considerable length, *e.g.* Digitalis occupies 372 pages, Belladonna 138 pages, the preparations of Iron 145 pages, and Iodine 198 pages. In the last-named article are reproduced, apparently *in extenso*, the three original memoirs of M. Coindet, of Geneva, the discoverer of the principle.

1829. JOUSSET, P. G. *De l'expérimentation Thérapeutique et de l'appréciation de la valeur des agents de la Matière Médicale. Paris, 4to.

1829-46. MÉRAT, F. V., et DE LENS, A. J. Dictionnaire universel de Matière Médicale et de Thérapeutique générale; avec le Supplément. Paris, 7 vols. 8vo. Italian transl. Venice, 1835-8. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

A work of great labour and research, containing much information on a variety of subjects not to be found in a collected form elsewhere. Considering the great number and variety of sources from which quotations are made, the authors are wonderfully correct, even to the spelling of English

surnames. I have often had occasion to verify their statements, and have rarely detected an error. The Bibliography at the end of each article formed the basis of the present work.

1830. GMELIN, F. G. Allgemeine Therapie der Krankheiten des Menschen. Tubingen, 8vo, pp. 330.

1830. NASSE, C. Handbuch der speciellen Therapie. Leipzig, 8vo, 2 vols. *Bibl. Coll. Surg. Lond.*

1830. BERNDT, F. A. G. Die specielle Pathologie und Therapie, &c. Leipzig, 2 vols. 8vo.

1830. URBAN, J. Die Lehrsätze der allgemeinen Pathologie und Therapie. Leipzig, 8vo.

A text-book for students, in the form of a catechism or dialogue.

1830. FRIES, J. F. Regulativ für die Therapeutik, &c. Leipzig, 8vo, pp. 140.

1831. ALISON, W. P. Outlines of Physiology, with an appendix containing heads of lectures on Pathology and Therapeutics. Edin. and Lond., 8vo, pp. 452. *Bibl. Med.-Chir. Soc.*

These "outlines" contain eighteen sections, to which is added an appendix comprehending lectures on pathology and therapeutics, which were intended apparently to constitute the groundwork of another volume. It is written in the true spirit of an experimental philosopher.—*Med.-Chir. Rev.*, July, 1831, p. 73-85.

1831. BROUSSAIS, F. J. V. Cours de Pathologie et de Thérapeutique générale. Paris, 5 vols. 8vo. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

1831. GOZZI, G. F. Fondamenti di Terapeutica generale e di Materia Medica. Bologna, 8vo.

1831. LEYDET, A. R. *Idée de la Thérapeutique. Montpellier, 4to.

1831. FOY, F. Cours de Pharmacologie, ou Traité élémentaire de Pharmacie et de Thérapeutique, &c. Paris, 2 vols. 8vo.

The first part of the work, devoted to the natural history of drugs, is deserving of high praise for the clearness and precision of the descriptions. The second part, relating to pharmacy, is likewise deserving of praise; but the third part, containing therapeutics, is by no means equal to the others; in fact, it should rather have been termed a compendium of the practice of medicine, and, like other compendiums on this subject, it is worse than useless, as it is impossible to compress in a narrow compass a description of the various shades and complications of disease and the diversified treatment they respectively require. The fourth part, on the art of prescribing, contains much worthy of attention.—*American Journal Med. Sci.*, viii, 1831, p. 441-8.

1831. COURP, E. R. *Essai sur les méthodes Thérapeutiques fondées sur l'expérience. Montpellier, 4to.

1831. BROUC, M. *Quelques réflexions et propositions sur la Thérapeutique. Paris, 4to.

1831. NORTON, R. Elements of Diagnosis, Pathology, and Therapeutics. London, 8vo, pp. 100.

1831. SCHELVER, F. J. System der allgemeinen Therapie, &c. Frankf. am Main, 8vo.

1832. CORBIN, E. Recherches sur la Médecine et la Thérapeutique médicale et chirurgicale, &c. Paris, 8vo.

1832. SCHÖNLEIN, J. L. Allgemeine und specielle Pathologie und Therapie. Würzburg, 4 vols. 8vo. Another ed. Freyburg, 1837, 4 vols. 8vo; ibid. 1839, 1841. Swedish transl. by N. Dählin, Stockholm, 1837, 4 vols. 8vo; Danish transl. Copenhagen, 1837. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Full analytical review in 'Brit. and For. Med.-Chir. Rev.,' Jan., 1846, p. 20-39. The tone of the critique is unfavorable to the work, which, however, has obtained a high place amongst standard German works relating to the subjects of which it treats.

1832. FORGET, C. P. Médecine Navale, ou Éléments d'Hygiène, de Pathologie et de Thérapeutique medico-chirurgicale à l'usage des Officiers de Santé de la Marine, &c. Ouvrage couronné par l'Académie des Sciences. Paris, 2 vols. 8vo, pp. 545 et 578.

1832. SEMENOLLA, —. Essai médico-thérapeutique sur les Médicaments. Naples, 8vo.

1832. POUJOL, F. A. Essai de Thérapeutique basée sur la méthode des analytiques, &c. Paris, 8vo.

1832-3. THOMSON, A. T. Elements of Materia Medica and Therapeutics. London, 2 vols. 8vo. Second ed. ibid. 8vo, 1835; third ed. (with numerous illustrations), ibid. 1843, 8vo, pp. 1257.

A work of this nature must necessarily be more or less a compilation; and whilst Dr. Thomson has availed himself of the labours of the Continental chemists and medical writers, as well as those of his own country and America, he has introduced the results of thirty years' attentive observation in the treatment of disease into his work, and thereby given a considerable portion of original information.—*Med.-Chir. Rev.*, April, 1833; p. 321.

1832-44. NEUMANN, C. G. Specielle Pathologie und Therapie. Berlin, 5 vols. 8vo.

1833. ROSTAN, L. Thèse sur cette question: Jusqu'à quel point l'anatomie patholog. peut-elle éclairer la Thérapeutique des maladies? Paris, 4to, pp. 46.

1833. FLECK, J. C. Patholog.-therapeutisches Taschenbuch. Erlangen, 2 vols. 8vo.

1833. BIERMANN, J. C. A. Nosologische therapeutische Beobachtungen. Hildesheim, 8vo, pp. 75.

Contains several papers on different subjects, the fruit of several years' experience. It is not a work of any special merit or interest, judging from the review of it in *American Journ. Med. Sci.*, xviii, 1836, p. 454-7.

1833. CONRADI, J. G. H. Handbuch der allgemeinen Therapie, &c. Cassel, 8vo, pp. 155.

This work is sufficiently plain and intelligible, but many of the views are antiquated; others, it appears to us, erroneous, and the whole is behind the present advanced condition of pathological and therapeutical science.—*American Journ. Med. Sci.*, xv, 1834, p. 452.

1833. EBLE, B. Taschenbuch der allgemeinen Pathologie und Therapie. Vienna, 2 vols. 12mo.

1833. SUNDELIN, C. Handbuch der speciellen Heilmittelehre. Berlin, 2 vols. 8vo. *Bibl. Coll. Surg. Lond.*

1833-39. GIACOMINI, G. A. Trattato filosofico sperimentale dei Soccorsi Terapeutici. Padova, 4 vols. 8vo. French transl. by Drs. Mojon and Rognetta, Paris, 1839, 8vo.
Bibl. Med.-Chir. Soc.

1834. KILGOUR, A. Lectures on the ordinary Agents of Life, as applicable to Therapeutics and Hygiene, or the uses of the atmosphere, habitations, baths, clothing, climate, exercise, food, drink, &c., in the treatment and prevention of disease.
Edin. 8vo, pp. 359.

A good compilation, interspersed with much original reflection and observation.—*Med.-Chir. Rev.*, Jan., 1835, p. 278.

1834. MARTIN, A. J. *De la Thérapeutique en général, et en particulier de celle appliquée aux maladies du système nerveux.
Paris, 4to.

1834. ANGOT, A. R. *Exposé de Matière Médicale et de Thérapeutique spéciale, selon la nouvelle doctrine médicale Italienne, rédigé d'après les leçons du Prof. Tommasini. Paris, 4to.

1834. MAAS, A. De ratione Therapeuticâ Boerhavii cum recentiorum comparatâ. Lugd. Bat., 8vo.

1834. MARTINET, L. Traité élémentaire de Thérapeutique médicale. Paris, 8vo. Second ed. 1837. First ed. Paris, 12mo, 1828. Spanish transl. Madrid, 1839, 4to.
Bibl. Coll. Surg. Lond.

1834. SURINGAR, G. C. B. Epitome Therapiæ generalis in usum discipulorum scriptum. Amst. 8vo. Ed. alt. ibid. 1841.

1834-5. BROUSSAIS, F. J. V. Cours de Pathologie et de Thérapeutique générales. Paris, 5 vols. 8vo. First ed. Paris, 1831-2, 2 vols. 8vo.

1834-6. REINHARD, C. L. Specielle Nosologie und Therapie.
Würzburg, 2 vols. 8vo, pp. 587, 530.

1835. JOHNSTONE, J. Therapeutic Arrangement and Syllabus of Materia Medica. London, 12mo, pp. 84.
Bibl. Coll. Phys. Edin.

In the first part of this work the substances used in medicine are arranged according to their therapeutic action; in the second part those derived from the animal and vegetable kingdoms are arranged respectively according to the systems of Cuvier and Jussieu, and the minerals are given in alphabetical order. Annexed is an accurate posological table. The book cannot but be particularly useful to those who intend to lecture or write upon the Materia Medica, as well as to the students for whose particular use it is prepared.—*Brit. and For. Med. Rev.*, i, 1836, p. 193-4.

1835. HARTMANN, P. C. Therapia generalis secundum prælectiones publicas edita a medico practico. Lipsiæ, 4to, pp. 94. German transl. Leipzig, 1835, 8vo, pp. 100.
Bibl. Coll. Phys. Edin.

1835. HARTMANN, P. C. Institutiones Medicæ Therapiæ generalis. Edit. cum notis J. J. Knole. Vienna, 8vo.

1836. GIROLA, L. Institutiones Pathologiæ, Nosologiæ atque Therapeuticæ Medicæ. Taurini, 8vo, pp. 219.

1836. GOLFIN, H. Discours sur l'Homme considéré comme sujet de la Thérapeutique. Montpellier, 8vo, pp. 72.

1836. RICHAUD, J. B. *Généralités sur la Thérapeutique. Paris, 4to.

1836. DJETKOWSKY, —. Allgemeine Therapie. (In Russian.) Moscow, 8vo, pp. 121.

1836. MONTAIN, G. A. C. Mémoires de Thérapeutique médico-chirurgicales. Paris, 8vo, pp. 88.

1836. FORGET, C. P. *Des indications Thérapeutiques tirées des sécrétions et des exhalations. Strasbourg, 8vo.

1836-9. TROUSSEAU, A., et PIDOUX, H. Traité de Thérapeutique et Matière Médicale. Paris, 2 vols. 8vo. Third ed. ibid. 1847; fourth ed. ibid. 1851; fifth ed. ibid. 1855; sixth ed. ibid. 1858; seventh ed. ibid. 1862; eighth ed. ibid. 1867; ninth ed. ibid. 1870-1873. Spanish transl. by Dr. N. Serrano, Madrid, 4 vols. 8vo, 1858. Italian transl. by V. Pasquale, Naples, 4to, 1837. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

A valuable work of reference, containing a large amount of information on the various articles of the materia medica, collected from the best authorities, interspersed with much original matter the result of the author's personal experience. The analytical tables at the end of vol. ii add greatly to the value of the work.

1837. SZERLECKI, W. A. Dictionnaire abrégé de la Thérapeutique. Paris (?), 2 vols. 8vo. German transl. Stuttgart, 1838-41, 2 vols. 8vo. Portuguese transl. by J. F. da Silva e Oliviera. Porto, 4to, 1860.

1837. SAINTOUR, J. *De la Thérapeutique en général. Paris, 4to.

1837. JUVIN, J. *Sur la Matière Médicale et la Thérapeutique. Paris, 4to.

1837. BRESSLER, H., et JACOBSON, J. Analekten der speciellen Pathologie und Therapie. Berlin, 8vo.

1837-40. CRAIGIE, D. Elements of the Practice of Physic and present state of special Pathology and Therapeutics. Edinburgh, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

This work does not contain much that is novel or original; it is valuable chiefly as a compilation drawn from the best-established sources, in which the reader will find the various opinions and observations of authors of reputation drawn into a small compass, and, as far as possible, reconciled.—*American Journ. Med. Sci.*, xxiii, 1839, p. 425.

1838. SIMÉON, E. *Considérations sur la Thérapeutique. Paris, 4to.

1838. AUTENRIETH, J. H. F. Handbuch der speciellen Nosologie und Therapie; herausgeg. von C. L. Reinhard. Würzburg, 2vols. 8vo.

1838. GASTÉ, L. F. Du Calcul appliqué à la Médecine, comme complément de la théorie, des faits et des raisonnements sur lesquels doivent etre fondées la Pathologie, la Thérapeutique, et la Clinique. Montpellier et Paris, 8vo, pp. 184.

A response to a memoir by M. Risueno d'Amador 'Sur le Calcul des probabilités appliqué à la Médecine.'

1838. MARX, K. F. H. Grundzüge zur Lehre von der Krankheit und Heilung, &c. (Elements of Pathology and Therapeutics.) Carlsruhe und Baden, 8vo, pp. 447.

Prof. Marx arranges his therapeutical agents in three principal divisions, as they are strengthening, debilitating, or alterative. In the first division the excitant, irritant, tonic and astringent classes of remedies are considered. In the second are anodynes and antispasmodics, and the dietetic or moderately antiphlogistic and the actively antiphlogistic methods of treatment. The third comprises evacuants, namely, emetics, purgatives, diuretics, diaphoretics, and expectorants, the derivatives and a class of remedies which may be termed alterative tonics, comprising metallic tonics and alteratives, the hunger-cure, travelling, and spa-ing. There is a degree of conciseness and elegance in Prof. Marx' style which is pleasing. The book is more like Gregory's Conspectus in all respects than any other work with which we are acquainted.—*Brit. and For. Med. Rev.*, Oct., 1843, p. 472-74.

1838. PERRONE, P. Trattato elementare di Nosologia e Terapia medica speciale. Napoli, 8vo (4 vols.?)

1838. STEGGALL, J. A Text-book of Materia Medica and Therapeutics. London, 12mo, pp. 300.

Well suited for the class for whom it is intended—the medical pupil.

1838-9. KRAUS, L. A. Allgemeine Nosologie und Therapie. Göttingen, 2 vols. 8vo, pp. 336, 116.

1838-40. PLAGGE, M. W. Handboek der bijzondere Pathologie en Therapie. Amsterdam, 2 vols. 8vo.

1839. NAMIAS, G. Studi Terapeutici. Venet. 8vo, pp. 56.

1839. WINKLER, J. M. Allgemeine Therapie, od. allgem. Krankheitsheilungslehre. Wien, 2 vols. 8vo.

1839. GOLFIN, H. De l'occasion et de l'opportunité en matière de Thérapeutique. Montpellier, 8vo. Id. Études Thérapeutiques. Montpellier, 1845.

1839. BOUCHARDAT, A. *De l'influence que les méthodes Thérapeutiques peuvent exercer sur la durée des maladies. Paris, 4to.

1839. BAREZ, —. Medicinisches-chirurgisch. therapeutisches Wörterbuch oder Repertorium der vorzüglichsten Kurarten in dem Zeitraume von 1750 bis 1838, &c. Berlin, 3 vols. 8vo.

Bibl. Coll. Surg. Lond.

1840. BROUSSAIS, C. De la Statistique appliquée à la Pathologie et à la Thérapeutique. Paris, 8vo.

1840. CAFFIN. J. F. Éléments de Matière Médicale et de Thérapeutique. Paris, 8vo, pp. 339.

1840. MAIRE, J. H. Répertoire complet de Thérapeutique pratique, &c. Paris, 4to, pp. 316.

1840. NASSE, C. F. Handbuch der allgemeinen Therapie. Leipzig, 8vo. Idem, Bonn, 1842; ibid. 1845.
Bibl. Coll. Surg. Lond. (ed. 1842).

1841. RINGSEIS, J. N. VON. System der Medizin, ein Handbuch der allgemeinen und speziellen Pathologie und Therapie. Regensburg, 8vo. *Bibl. Med.-Chir. Soc.*

1841. SPILLAN, D. A Manual of General Therapeutics, with rules for prescribing, and a copious collection of formulæ.
London, 8vo, pp. 458.

Respectable and useful, though not brilliant or very scientific.—*Brit. and For. Med. Rev.*, July, 1842, p. 140.

1841. GALTIER, C. P. Traité de Matière Médicale et des indications thérapeutiques des médicaments. Paris, 2 vols. 8vo.
Bibl. Med.-Chir. Soc.

1841. FRANK, J. P. Specielle Pathologie und Therapie.
Berlin, 2 vols. 8vo.

1842. HALL, MARSHALL. On the Mutual Relations between Anatomy, Physiology, and Therapeutics and the Practice of Medicine, Being the Gulstonian Lectures for 1842. With three plates.
London, 8vo, pp. 86.

1842. LOTZE, R. H. Allgem. Pathologie und Therapie als mechanische Naturwissenschaften. Leipzig, 8vo. Second ed. ibid. 1848, pp. 594, 8vo. *Bibl. Med.-Chir. Soc.*

1842. KIRCHNER, E. Handbuch der allgemeinen Therapie.
Kiel, 8vo.

1842. GIVAUDAN, N. X. Précis de Matière Médicale et de Thérapeutique expérimentale d'après la doctrine de Giacomini.
Lyon, 8vo.

1842. DUNGLISON, R. Practice of Medicine, or a Treatise on Special Pathology and Therapeutics.
Philadelphia, 2 vols. 8vo, pp. 572, 750. Second ed. ibid. 1844.

An eminently practical work. The author gives evidence of the most extensive research, and he carefully recounts the opinions of others upon numerous points. In the midst of conflicting opinions the expression of his own views is marked by much clearness of conception and justness of conclusion.—*Amer. Jour. Med. Sci.*, April, 1842, p. 406.

1842. PAINE, M. Therapeutical Arrangement of the Materia Medica, or the Materia Medica arranged upon physiological principles. New York, 8vo, pp. 271.

The following extract will furnish some idea of the character of this work:

"For the sake of brevity and to impress the memory, characters or sym-

bols are frequently employed to indicate the combination of remedies. The initial letters following the usual ℞ stand for the article with which the formula is connected. If a figure follow next, it stands for the article so numbered in that group. If an article is derived from another class, the word *class* is introduced and the number following indicates which class. Then follows a number referring to the intended article in that class, or if the class have orders or subdivisions the word *order* or *sub* with the number or letter indicative of which order or subdivision precedes the number which stands for the remedy. If several numbers succeed each other uninterruptedly after the announcement of the class, &c., they all refer to remedies under the same group," *e.g.*

"Aloes. See Calomel and Blue Pill for several formulæ; also ℞ a, 1, Order 4, A 18, Class 4, Order 1, 13, 16. ℞ a, 12, 52. ℞ a, 16^b, 17. ℞ a, 16^b, 17, 18, 31, Order 4, A 13. ℞ a, 1 or 2, Class 4, Order 1, 16. ℞ a, 1, 16^b, 17, Class 2, 15. ℞ a, 17, 12^c, Class 3, 14^b. ℞ a, 12, 21, Class 2, 9. ℞ a, Order 4, A 1, 13, Sub. 5, 1."

Well may we exclaim with Dangle in 'The Critic,' "Egad, I think the interpreter is the hardest to be understood of the two."—*Brit. and For. Med.-Chir. Rev.*, July, 1842, p. 214.

1842. RASORI, G. Principii nuovi di Terapeutica, opera postuma. Napoli, 4 vols. 8vo.

1842-47. VALLEIX, F. L. J. Guide du Médecin Praticien, ou Résumé général de Pathologie interne et de Thérapeutique appliquées. Paris, 10 vols. 8vo. Fifth ed. Paris, 1866, 5 vols. 8vo, with figures in text. Spanish transl. by J. Montero Rios, &c., Madrid, 1874, 4 vols. 4to. *Bibl. Med.-Chir. Soc.*

A laborious and interesting work. The therapeutic department gives evidence of great research and sound judgment in appreciating the value of the several modes of treating each disease, whether they have been submitted to the test of experiment or merely recommended by writers of authority.—*Amer. Jour. Med. Sci.*, 1842, p. 147.

1843. LECLERC, M. C. Sur l'importance de la Thérapeutique Dentaire dans la pratique médicale. Paris, 4to, pp. 43.

1843. DUNGLISON, R. General Therapeutics and Materia Medica, adapted for a Medical Text-book. Philadelphia, 2 vols. 8vo. Third ed. ibid. 1846; fourth ed. ibid. 1850; fifth ed. ibid. 1853; sixth ed. ibid. 1857.

This work is a republication of the author's 'General Therapeutics,' with a new treatise on Materia Medica. Particular attention is directed to drugs as medicines in their relation to disease, and the whole forms a very useful work. "Dr. Dunglison has succeeded very happily in connecting general with special therapeutics."—*Brit. and For. Med.-Chir. Rev.*, Jan., 1844, p. 243.

Though these volumes are essentially elementary, and consequently adapted particularly for the student, yet the full-grown practitioner may often glean from them new facts, as well as original ideas.—*Med.-Chir. Rev.*, Jan., 1845, p. 84.

1843. FOY, F. Traité de Matière Médicale et de Thérapeutique appliquée à chaque maladie en particulier. Paris, 2 vols. 8vo.

A well-designed work. The first volume (pp. 628) contains a consideration of the articles of the Materia Medica arranged in therapeutic groups; the second (pp. 713) is devoted to diseases and their treatment. It would have added greatly to the value of the book as a whole if the second volume had been brought to bear more on the contents of the first. As it is, the two volumes are almost two separate works.

1843. FROST, H. R. Elements of Materia Medica and Therapeutics. Charleston, U.S., 8vo.

1843. RÖSSLER, A. *Therapia Generalis. Pesthini, 8vo. *Bibl. Coll. Surg. Lond.*

1843. TOLTÉNYI, S. à. Pathologia et Therapia generalis medico-chirurgica in usum prælectionum publicarum. Vindobonæ, 8vo, pp. 831. *Bibl. Coll. Phys. Edin.*

1843. WILLIAMS, C. J. B. Principles of Medicine, comprising General Pathology, Therapeutics, &c. London, 8vo, pp. 390. Second ed. London, 8vo, 1848; third ed. 1856. German transl. by L. Posner, Leipzig, 1844, 8vo. *Bibl. Med.-Chir. Soc.*

The plan of the work, the simplicity of style in which it is written, the happy illustrations in proof of the various positions laid down in it, derived from various sources, as also from the author's own experience, all contribute to render it a most valuable boon to the student of medicine.—*Med.-Chir. Rev.*, April, 1844, p. 313.

1844. BRUSCHI, D. Fundamenti di Terapeutica e Farmacologia generale. Milan, 4 vols. 8vo.

1844. CORMACK, J. R. Contributions to Pathology, Therapeutics, and Forensic Medicine. London, 8vo, plates. *Bibl. Med.-Chir. Soc.*

1845. MOURE, P. G. A., et MARTIN, J. H. Précis de Thérapeutique speciale, de Pharmaceutique et de Pharmacologie. Paris, 12mo.

1845. ARNOTT, J. On the present state of Therapeutical Enquiry. Brighton, 12mo, pp. 57, with Appendix.

After lamenting the great difficulty the therapeutical discoverer experiences in obtaining a notice, the author considers—1. The principal sources of therapeutical knowledge; 2, to what degree medical theory has in this respect proved useful; and 3, the present defective mode of reporting the results of medical experience, and how it may be amended. In this little work will also be found a closely packed repository of useful inventions, many of which are eminently ingenious and based on sound principles. It is, however, in medico-hydraulic mechanics that Dr. Arnott most distinguishes himself, and we have here presented to us various ingenious modes for using fluids in the treatment of disease, whether for dilatation, compression, or regulation of the temperature of parts.—*Brit. and For. Med.-Chir. Rev.*, April, 1846, p. 498-9.

1845. DIEU, S. Traité de Matière Médicale et de Thérapeutique, &c. Metz, 3 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1845. BALLARD, E., and GARROD, A. B. Elements of Materia Medica and Therapeutics. London, 8vo, pp. 447. American ed. with additions by Dr. R. E. Griffith, Philadelphia, 1846, 8vo. *Bibl. Med.-Chir. Soc.*

A strictly elementary work, intended as a text-book for medical students, for which purpose it is well adapted. The therapeutical portion of it is extremely meagre.

1845. STOEBER, PROF. *De l'influence que l'Analyse Clinique et la

Micrographie ont exercée sur la Pathologie et sur la Thérapeutique. Strasbourg, 4to.

A very learned and admirable thesis.—Dr. Curran, in *Dublin Quart. Med. Journ.*, vol. iv, p. 117.

1845. HARRISON, J. P. Elements of Materia Medica and Therapeutics. Cincinnati, 2 vols. 8vo.

One of the first, if not the first work on Materia Medica and Therapeutics which issued from the Western (U.S.) press. The aim of the author throughout has been to treat the subject in a summary manner, omitting the theories with which it is usually invested, and in accordance with the strict declarations of observation.—*Amer. Journ. Med. Sci.*, April, 1845, p. 435.

1845. DICKSON, S. H. Essays on Pathology and Therapeutics. Charleston, 2 vols. 8vo, pp. 588, 651.

Replete with valuable hints in respect to the character, causes, phenomena, and treatment of the several forms of disease the American physician is most frequently called upon to treat, and in relation to which the accounts presented by European writers will seldom be found sufficiently full and accurate.—*Amer. Journ. Med. Sci.*, July, 1845, p. 83.

1845. OESTERLEN, J. F. Handbuch der Heilmittellehre und Therapie. Tübingen, 8vo. Second ed. 1847; sixth ed. ibid. 1856.

A work of no ordinary merit. In every chapter we discover that the author is as familiar with the natural sciences and physiology as with nosology and clinical medicine. "In no other work on Materia Medica have we seen so many an illusion or delusion, so many a superstition of the old school of therapeutics, subjected to so consistent and so critical a scrutiny, and yet in no wise running into the opposite extreme of therapeutic nihilism, of mere negation and rejection."—*Amer. Journ. Med. Sci.*, July, 1856, p. 215-17.

1845-6. CHOULANT, J. L. Lehrbuch der speciellen Pathologie und Therapie des Menschen; vierte Auflage. Leipzig, 8vo.

1846. GROSHANS, G. P. F. Schets der algemeene Therapie. Amsterdam, 8vo.

1846. WAHU, A. Mémorial Thérapeutique et Pharmaceutique des Officiers de Santé. Paris, 18mo, pp. 296.

1846-53. FLANDIN, C. Traité des Poisons, ou Toxicologie appliquée à la médecine-legale, à la physiologie, et à la thérapeutique. Paris, 3 vols. 8vo, plates. *Bibl. Med.-Chir. Soc.*

1847. KOVACSY, J. Encyclop. Vade mecum clinicum, enthaltend die Diagnostik und Therapie. Leipzig, 12mo.

1847. JAUMES, A. Essai de Pharmacologie Thérapeutique Générale. Montpellier, 8vo.

1847. LIETZAU, F. O. Lehrbuch der speciellen Therapie. Berlin, 8vo. (2 vols.?)

1847. ROYLE, J. FORBES. Manual of Materia Medica and Therapeutics. London, 8vo. Second ed. ibid. 1853; fourth ed. with F. W. Headland, 1865; fifth ed. ibid. 1868. American ed. by Dr. J. Carson, Philadelphia, 1847, ibid. 1851.

As a text-book of Materia Medica this little volume is all that can be

desired, the botanical portion of it is particularly full and valuable. The therapeutical portion of it, however, is meagre in the extreme.

1847-53. WUNDERLICH, C. A. Handbuch der Pathologie und Therapie. Stuttgart, 4 vols. 8vo. Second ed. ibid. 1852-56.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

1848. FUCHS, C. H. Lehrbuch der speciellen Nosologie und Therapie. Göttingen, 2 vols. 8vo.

1848. MAYNE, J. Pocket Dispensatory and Therapeutical Remembrancer, &c. London, 8vo, pp. 271.

As far as therapeutics are concerned—useless.

1848. PAINE, M. Materia Medica and Therapeutics.
New York, 12mo, last ed. 1854.

1849. DEBREYNE, P. G. C. Essai analytique et synthétique sur la doctrine des éléments morbides, considérés dans leur application thérapeutique. Paris, 8vo. Spanish transl. Barcelona, 1850, 8vo.

1850. DURIEN, J. F. *Études sur les Tempéraments en général et leur influence sur la Pathogénie et la Thérapeutique de nos maladies. Montpellier, 4to, pp. 40.

1850. MITCHELL, T. D. Materia Medica and Therapeutics, with ample illustrations of practice in all departments of Medical Science. Philadelphia, 8vo, pp. 736. New ed. ibid. 1857.

A very fair exposition of the remedial effects of the various therapeutic agents in common use, and of the morbid conditions under which their curative powers are exhibited. The author's therapeutical views will, in general, be found correct, and his estimates of the value of the different remedies in accordance with the observations of the best authorities.—*American Journ. Med. Sci.*, Oct., 1850, p. 452.

1850. RICHTER, H. E. Organon der physiologischen Therapie. Leipzig, 8vo, pp. 626. Alt. ed. ibid. 1859.
Bibl. Coll. Phys. Edin.

1851. MOTTET, —. Nouvel essai d'une Thérapeutique Indigène, ou Études analytiques comparatives de Phytologie médicale indigène et de Phytologie médicale exotique, &c. Paris, 8vo, pp. 800.

1851. BECK, J. B. Lectures on Materia Medica and Therapeutics, prepared for the press by C. R. Gilman.
New York, 8vo, pp. 581.

A text-book for students, for which it is well adapted. It presents a sufficiently full digest of the then present state of knowledge in reference to the leading articles of the Materia Medica, and an admirable, if not a very full, sketch of the application of these agents to disease, the subjects comprised under these two heads being arranged with much perspicuity, and expounded in a concise but at the same time clear and pleasing style.—*Amer. Journ. Med. Sci.*, Jan., 1852, p. 191.

1851. NAUMANN, M. E. A. Allgemeine Pathologie und Therapie.
Berlin, 8vo, pp. 890.

1852. TALMA, A. F. Mém. sur quelques points fondamentaux de la Médecine Dentaire, considérée dans ses applications à l'Hygiène et à la Thérapeutique. Bruxelles, 8vo.

1852. HÜBENER, E. A. L. Specielle Pathologie und Therapie. Erlangen, 2 vols. 8vo, pp. 1141.

Intended to be a kind of abstract of Canstatt's and Wunderlich's great work. It is a useful and sufficiently exact, though not a first-class, work.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1853, p. 198.

1852. FELDMANN, S. Aphorismes de Thérapeutique. Paris, 8vo.

1852. KLENCKE, H. Taschenlexikon der Therapie für prakt. Aerzte. Third ed. Leipzig, 8vo. First ed. 1849 (?)

1852. RUETE, C. G. T. Lehrbuch der allgemeinen Therapie. Göttingen, 8vo, pp. 421.

1853. KISSEL, C. Handbuch der naturwissenschaftlichen Therapie. Erlangen, 8vo, pp. 544.

1853. SPURGIN, J. Six Lectures on Materia Medica, and its relations to the animal economy. London, 8vo, pp. 200.

1853. PIDOUX, —. Les vrais principes de la Matière Médicale et de la Thérapeutique. Paris, 8vo, pp. 108.

1853-6. VIRCHOW, R. Handbuch der speciellen Pathologie und Therapie. Erlangen, 6 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

A standard work of great merit.

1853-9. GINTRAC, E. Cours théorique et clinique de Pathologie interne et de Thérapie Médicale. Paris, 5 vols. 8vo. Spanish transl. by Drs. Guerro Vidal and Sanchez de Ocaña, Madrid, 1855-62, 5 vols. 8vo; ibid. 1874. *Bibl. Med.-Chir. Soc.*

Erudite, comprehensive, and valuable.—*Amer. Jour. Med. Sci.*, Oct., 1857, p. 421-6.

1854. ANGERSTEIN, E. *De principiis Kinesitherapiæ et curatione scoliosis kinesitherapeutica. Berlin, 8vo, pp. 48.

1854. SOLDIN, L. A. Grundzüge einer rationellen Therapie. Stockholm, 8vo, pp. 95.

1854. HEIDENREICH, F. W. Elemente der therapeutischen Physic. Leipzig, 8vo, pp. 314.

1854. LUC, L. *Quelques considérations sur les moyens thérapeutiques usités chez les Arabes. Montpellier, 4to, pp. 40.

1854. BAUMGÄRTNER, K. H. Lehrbuch der allgemeinen Pathologie und Therapie. Third ed. Stuttgart, 8vo, with plates.

1854. ALBERS, T. F. H. Handbuch der allgemeinen Arzneimittellehre. Bonn, 8vo, pp. 300.

What is meant by "therapeutical agents" is first examined, and then the history of therapeutics, the modes of discoveries of remedial agents, their applications, &c., are fully discussed. The subject is treated with great precision.—*Brit. and For. Med.-Chir. Rev.*, April, 1854, p. 487.

1854. JOHNSON, G. The Relation between Pathology and Therapeutics, with special reference to some forms of cardiac, renal, and nervous diseases. London, 8vo, pp. 113.

This is a reprint of Dr. Johnson's very interesting lectures delivered at the College of Physicians in 1853. Special attention is directed to the subject of

mental diseases and the reciprocal influences of mind and body.—*Brit. and For. Med.-Chir. Rev.*, April, 1854, p. 487.

1854. WARING, E. J. A Manual of Practical Therapeutics, considered chiefly with reference to articles of the Materia Medica. London, 8vo, pp. 755. Second ed. ibid. 1865, pp. 956; third ed. ibid. 1871, pp. 875. American ed. Philadelphia, 1866, 8vo, pp. 813.

The object of the author has been to supply a deficiency which he considers exists in most manuals and other works on Materia Medica, by collecting and bringing within a small compass the opinions and experience of the most eminent writers of modern times as to the real value of medicinal agents in the treatment of disease. A full index of diseases at the end, renders the contents of the work easily accessible and enhances its usefulness.

1854-6. CANSTATT, C. Specielle Pathologie und Therapie vom klinischen Standpunkte ausbearbeitet, &c. Erlangen, 3 vols. 8vo. *Bibl. Med.-Chir. Soc.*

We regard this as a work considerably above mediocrity, as careful in its statements of facts, as scientific in its deductions from these, as well as in its general views and reasonings. As Falstaff was, on his own report, not only witty himself but, moreover, the cause of wit in others, so Dr. Canstatt is not only an intelligent and thoughtful writer, but has the art and merit of giving rise to trains of useful reflection to his reader. His speculation rarely exceeds the legitimate bounds of probability, and is in general based on authentic and substantial physiological and pathological data. The chief defect of the work is an occasional vagueness both of expression and idea, which it cannot be denied is a common fault of German writers even when handling scientific and practical subjects.—*Brit. and For. Med.-Chir. Rev.*, vol xiii, p. 327-347.

1854-7. PEREIRA, J. Elements of Materia Medica and Therapeutics; edited by Drs. A. S. Taylor and G. Owen Rees. 2 vols. in 3, 8vo. *Bibl. Med.-Chir. Soc.*

In 1835-37 Dr. Pereira delivered a course of lectures on Materia Medica at the Aldersgate Street School of Medicine, which were reported in the *Medical Gazette*. These were translated into German by F. J. Behrend, and appeared at Leipsic in 1838 (2 vols. 8vo). They were first issued in a collected form in English in 1838-40 (London, 2 vols. 8vo); a second edition appeared in 1842, and a third in 1849-53. After his death in 1853 a fourth edition, embracing additional materials collected by him, was published under the able superintendence of Drs. Taylor and Rees (*ut supra*). This last edition, which is far superior to its predecessors, has always been held in deservedly high repute and may still be regarded as the best book on the subject in the English language. The numerous woodcuts of the various drugs are equally truthful and valuable with the text. Although the matters treated of are mainly pharmaceutical, there is considerable space devoted to physiology and therapeutics, and the whole forms a monument of industry, zeal and intelligence, of which the English profession may justly be proud. It took three skilled workmen (Messrs. Farre, Bentley and Warrington) to pull down this noble structure and out of the materials to construct a cottage, well furnished it may be, but still small and insignificant compared with the original. (See 1865, Abridgment, *infra*.) In addition to the above, the work has gone through three American editions.

1855. GARROD, A. B. The Essentials of Materia Medica, Therapeutics, and the Pharmacopœias. Second ed. 1864, pp. 391;

third ed. 1868, pp. 510; fourth ed. by Dr. E. B. Baxter, ibid. 1874, pp. 544. American ed. New York, 1865.

A text-book for students, for whose use it is specially framed. The last chapter on therapeutics adds much to the usefulness of the work.—*Brit. and For Med.-Chir. Rev.*, July, 1869, p. 20.

1855. DICKSON, S. H. Elements of Medicine; a Compendious View of Pathology and Therapeutics. Philadelphia, 8vo, pp. 752. Second ed. ibid. 1859.

A work of interest and practical utility.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 136.

1855. PLOUVIEZ, —. Causeries sur la Thérapeutique Générale. Bruxelles, 8vo, pp. 39.

1855. GARNER, R. Eutherapeia, or an Examination of the Principles of Medical Science, with researches into the nervous system. London, 8vo, pp. 282.

A somewhat singular work. The chief object of the author is "to demonstrate that considerable reliance may be placed upon the present theories and practice of medicine, bearing in mind, however, that more light remains to be shed on very many medical subjects, and that all human opinions and doctrines are liable to error.—*Preface.* There are many good things in the book, but regarding it as a whole it is a failure.—*Amer. Journ. Med. Sci.*, Jan., 1859, p. 204.

1855. QUESNEVILLE, —. Memento Thérapeutique, utile à tous ceux qui emploient les médicaments. Paris, 8vo.

1855-7. HAUSCHKA, D. J. Compendium der speciellen Pathologie und Therapie, &c. Wien, 2 vols. 8vo, pp. 383, 579.

1856. GÜNSBERG, F. Handbuch der speciellen Pathologie und Therapie. Breslau, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1856. ADDISON, W. Cell Therapeutics. London, 8vo, pp. 84.

The author, in this work, considers "the phenomena of cure and reparation in connection with the cell physiology; not simply the consideration of cure in mechanical injuries, but methods of reparation in blood distempers and organic disease."—*Introduction.* Many of the arguments are deprived of their force by a cramped and almost elliptical mode of expression, while a perplexing vagueness of diction in some passages has served only to mystify what the author wishes to elucidate.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 396.

1856. GUY, W. A. Outline of General Pathology and Therapeutics, appended to the fifth ed. of Hooper's 'Physician's Vade Mecum.' London, 8vo.

A very concise and excellent résumé of the subject.

1856. SIEGERT, J. C. Medicinisch-therapeutisches Wörterbuch, &c. Berlin, 8vo, pp. 739.

1856. ANGLADA, C. De l'importance d'une bonne doctrine médicale pour la Thérapeutique. Montpellier, 8vo.

1856. FRANCESCHI, J. Prolegomeni di un nuovo trattato de Terapia et Materia Medica. Bologna, 8vo.

1856. MIALHE, L. Chimie appliquée à la Physiologie et à la Thérapeutique. Paris, 8vo, pp. 703.

Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

This work contains much that is important both to the physician and pharmacologist, but is by no means a complete treatise on the various subjects. M. Mialhe possesses much ingenuity and has a happy method of explaining difficulties, but questions are discussed in a partial manner, and there is also evidence of a want of physiological knowledge and of clinical experience.—Analyt. review in *Brit. and For. Med.-Chir. Rev.*, July 1857, p. 153-165.

1856. WOOD, G. B. A Treatise on Therapeutics and Pharmacology, or Materia Medica. Philadelphia, 2 vols. 8vo. Third ed. ibid. 1868. *Bibl. Med.-Chir. Soc.*

One of the best works, if not the best, on therapeutics produced in America. The author evidences throughout an intimate acquaintance with the writings of European therapeutists, and whilst he avails himself largely of the information furnished by them, he has incorporated a large amount of original matter, which gives a great additional value to the work. His views are set forth in a lucid manner and philosophical spirit.

1857. HOSKINS, E. B. Therapeutic Cultivation, its errors and its reformation. An address to the Tennessee Society, April 7, 1857. Nashville, 8vo.

1857. HOOKER, W(ORTHINGTON). Rational Therapeutics, or the comparative value of different curative means, and the principles of their application. A prize essay. Boston, 8vo, pp. 70.

This essay is an inquiry into the nature of medication in the removal of disease: an examination of the questions—Is there any virtue in physic? Is medicine, as a science, based on well-established truths? Is it competent, by its therapeutical appliances, to moderate the severity, to arrest the course and to prevent the fatal termination of disease? The author's observations on these and allied points seem candid, judicious, and philosophical, judging from a good review in *Amer. Journ. Med. Sci.*, July, 1858, p. 129-138.

1857. HARVEY, A. Outline of Materia Medica and Therapeutics, systematic and practical. Loc.? 8vo. *Bibl. Coll. Phys. Edin.*

1857. TULLY, W. Materia Medica, or Pharmacology and Therapeutics. Springfield, U.S., 8vo, vol. i, part 1, 1827; part 2, 1858. (All published, the author dying in 1859.)

1857. FORGET, —. Éléments des Indications Thérapeutiques. (Ext. from *Bull. Gén. de Thérap.*) Batignolles, 8vo, pp. 20.

1857. RITSCHER, E. H. B. Allgem. Pathologie und Therapie besonders vom Standpuncte der Naturheilmethode. Hamburg, 8vo, pp. 269.

1857. INGLIS, A. On the difficulty of estimating the Therapeutical value of Medicinal Agents. Edinb. 8vo. *Bibl. Coll. Phys. Edin.*

1857. DUMONT, —. Lettre à M. L. Sauvel sur le mot Thérapeutique et sur la définition inexacte qu'on en donne. (Ext. *Rév. Thérap. du Midi.*) Montpellier, 8vo, pp. 11.

1857. ESCALLIER, —. Des indications Thérapeutiques fournies par le rhythme des phénomènes morbides. Paris, 8vo, pp. 32.

1858. MONTGOMERY, H. B. Epitome of Materia Medica and Therapeutics. Madras, 12mo. *Bibl. Med.-Chir. Soc.*

1858. MARTIN, H. Essai sur les Méthodes Thérapeutiques. Montpellier, 8vo. pp. 128.

1858. GABALDA, —. De l'enseignement de la Thérapeutique à l'école de Paris. Paris, 8vo, pp. 95.

1858. WUNDERLICH, C. A. Grundriss der speciellen Pathologie und Therapie. Stuttgart, 8vo, pp. 854.

1858-65. NIEMEYER, F. Lehrbuch der speciellen Pathologie und Therapie, mit besonderer Rücksicht auf Physiologie und pathologische Anatomie. Berlin, 2 vols. 8vo. Ninth ed. vol. i, 1874. English transl. by Drs. G. H. Humphreys and C. E. Hackley, New York, 1869, 2 vols. 8vo; second Amer. ed. 1870. Italian transl. by G. Riechetti, Venice, 1870, 3 vols. 8vo; idem by B. Punzi, Naples, 1865, 2 vols. 8vo. French transl. by L. Culmann and C. Sengel, Paris, 1866, 2 vols. 8vo. Spanish transl. by E. Simancas y Larxé, second ed. Madrid, 1874, 4 vols. 4to.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

The main object of this work is to make recent physiological researches explain those pathological and therapeutical facts which had hitherto been obscure and empirical. The author has brought to bear on this subject great research and ability, and has produced a book valuable alike to the pathologist and therapeutist.

1859. WITTMAACK, T. Handbuch der rationellen Therapie. Leipzig, 2 vols. 8vo, pp. 1402. *Bibl. Coll. Phys. Edin.*

1859. DUBOUÉ, P. *Essai sur l'Expérimentation Thérapeutique. Paris, 4to, pp. 44.

1859. GANIEZ, C. E. *Étude critique sur les principales causes qui ont arrêté les progrès de la Thérapeutique. Paris, 4to, pp. 37.

1859. GUILLEMIN, J. F. *Essai sur le mécanisme des effets Thérapeutiques. Strasbourg, 4to, pp. 58.

1859. CRÉBESSAC-VERNET, P. A. B. Mémoire sur le principe fondamental de la Thérapeutique déduit de l'observation et de l'expérience. Paris, 8vo, pp. 87.

1859. PIORRY, P. A. De la Thérapeutique anatomique, physiologique, et rationelle. Paris, 8vo, pp. 35.

1859. DILLNBERGER, E. Therapeutisches Recept-Taschenbuch nach der Wiener Schule, &c. Vienna, 16mo, pp. 205. Alt. ed. 1860, 1862; sixth ed. ibid. 1873, 16mo, pp. 442. *Bibl. Med.-Chir. Soc.*

1859. DALLY, E. Plan d'une Thérapeutique par le mouvement fonctionel. Paris, 4to, pp. 62.

1860. GUIBERT, V. Hist. nat. et méd. des Nouveaux Médicaments introduits dans la Thérapeutique depuis 1830 jusqu'à nos jours. Bruxelles, 8vo. *Bibl. Med.-Chir. Soc.*

1860. STILLÉ, A. Therapeutics and Materia Medica; a Systematic Treatise on the action and uses of Medicinal Agents, including their description and history. Philadelphia, 2 vols. 8vo. Second ed. ibid. 1864; third ed. ibid. 1868; fourth ed. ibid. 1874.

A very useful work of reference on the subjects indicated in the title-page. Essentially a compilation, the information it contains appears to be carefully and diligently brought together from many quarters, English writers especially. The drugs are arranged according to their most prominent thera-

peutic properties, and each article is considered under the headings "Description," "History," and "Action and Uses." Two indices, one to the Materia Medica, the other to the diseases and their remedies, make the contents of the two volumes readily accessible.—*Brit. and For. Med.-Chir. Rev.*, July, 1860, p. 163.

1860. FORGET, C. P. Principes de Thérapeutique générale et spéciale, ou nouveaux éléments de l'art de guérir. Paris, 8vo, pp. 667. *Bibl. Med.-Chir. Soc.*

1860. RIBES, F. Traité d'Hygiène Thérapeutique, ou application des moyens de l'hygiène au traitement des maladies. Paris, 8vo, pp. 828. *Bibl. Med.-Chir. Soc.*

1860. BOUILLAUD, J. De l'influence des doctrines ou des systèmes pathologiques sur la Thérapeutique. (Ex *Bull. de l'Acad. Imp. de Méd.*) Paris, 8vo, pp. 38.

1860. HARTSHORNE, H. Memoranda Medica, or Note-book of medical principles, general Therapeutics, &c. For the use of students. Pennsylvania, U.S., 12mo, pp. 190.

1861. BIÉCHY, E. De la méthode en Thérapeutique. Strasbourg, 8vo, pp. 31.

1861. FABRE, A. Des moyens de progrès en Thérapeutique. Paris, 8vo, pp. 306.

1861. DUCURON, —. *Des Indications Thérapeutiques. Montpellier, 4to, pp. 91.

1861. BINGEL, G. A. Pharmakologisch-therapeutisches Handbuch für Aerzte und Studirende der Medecin und Pharmacie. Erlangen, 8vo, pp. 400. Second ed.? ibid. 1862, 8vo, pp. 855.

1861. DELIOUX DE SAVIGNAC, J. Principes de la Doctrine et de la Méthode en Médecine. Introduction à l'étude de la Pathologie et de la Thérapeutique. Paris, 8vo, pp. 834. *Bibl. Med.-Chir. Soc.*

Considering all the treatises on general pathology and therapeutics to be deficient from their not embracing a philosophical exposition of the general truths of medical science, the author endeavours in this work to remedy the defect; and he has accomplished it in a manner which shows extensive and accurate information, and in some instances considerable soundness of judgment; but in going further than this and attempting a new classification of diseases and therapeutic agents he has, we think, been eminently unsuccessful. . . . The historical portion is excellent, the critical portion learned and sometimes acute, but the systematic portion had much better have been omitted altogether.—See analyt. review in *Brit. and For. Med.-Chir. Rev.*, Jan., 1862, p. 59-67.

1861. ESPANET, A. Traité méthodique et pratique de Matière Médicale et de Thérapeutique basé sur la loi des semblances. Paris, 8vo, pp. 808. Spanish transl. by P. Hernandez y Espeso. Madrid, 2 vols. 8vo, 1863.

L'auteur a voulu écrire la monographie de chaque médicament, étudiant d'abord son histoire naturelle et médicale, puis ses effets physiologiques par groupes des symptômes, depuis son action la plus faible, jusqu'aux phénomènes toxiques, il arrive aux effets thérapeutiques, dans lesquels il dis-

tingue d'après une methode analytique: 1, l'état prodromique; 2. l'état aigu; 3, l'état suraigu; 4, l'état chronique, et termine par l'indication des doses employées.—*Bull. de Bibliographique Médicale*, 1861, p. 70.

1861. KRAUS, L. G. Vollständiges Therapeutisches Taschenbuch für praktische Aerzte und Wundärzte. Vienna, 8vo, pp. 528. Third ed. ibid. 1862; fourth ed. ibid. 1866; fifth ed. 1871.

1861-3. HAGEN, R. Die seit 1830 in die Therapie eingeführten Arzneistoffe, &c. Leipzig, &c., 2 vols. 8vo.

1862. FOY, F. Mémorial de Thérapeutique, à l'usage des médecins praticiens. Paris, 8vo, pp. 1225.

This work, the fruit, the author informs us, of twenty years' study, is of little merit or value of any kind. There is a strongly worded condemnatory review of it in *Dublin Quart. Journ. Med. Sci.*, Feb., 1862, p. 140-3.

1862. GOUT, F. Traité de Thérapeutique Expérimentale, ou synthèse characteristique des médicaments les plus usuels. Paris, 8vo, pp. 23.

1862. ANGLADA, J. *Essai sur la Thérapeutique, son objet, ses moyens, ses méthodes. Montpellier, 8vo, pp. 107.

1862. COCA Y CIVERA, D. A. Tratado de Therapeutica General. Barcelona, 2 vols. 4to.

1862. PÉCHOLIER, G. Illusions et réalités de la Thérapeutique. Montpellier, 8vo, pp. 161.

1862. STEWART, T. G. On the position and prospects of Therapeutics. Edin. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1862. SILVA BEIRÃO, C. M. DA. Compendio de Materia medica e de Therapeutica. Tom. i, Lisboa.

This work may virtually be designated a complete treatise on the subjects discussed rather than a mere compendium, seeing that this first volume, which is large, enters often fully into the questions investigated. The author divides the whole Materia Medica into four separate divisions, viz.—1. Imponderable agents. 2. Products of the inorganic kingdom. 3. Vegetable productions. 4. Animal substances. Upon the remedial and other properties of numerous articles comprised within their respective departments Dr. Beirão speaks at some length and most efficiently. . . . The work apparently well deserves the praise bestowed upon it by Portuguese critics.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1864, p. 64-5.

1862. BANG, O. L. Den Almindelige Therapien. Copenhagen, 8vo. Second ed. ibid. 1869; third ed. ibid. 1873.

From the preface of this work it would appear that at the period of its publication no treatise on general therapeutics existed in the Danish language. The author, impressed with the advantages derivable by medical students from the possession of a class-book, issued his useful little manual, of which a brief notice is given in *Brit. and For. Med.-Chir. Rev.*, Jan., 1864, p. 174. See also *Edinb. Med. Journ.*, Jan., 1870, p. 640.

1862-4. DUCHEK, A. Handbuch der speciellen Pathologie und Therapie. Erlangen, 2 vols. 8vo.

1863. NEUMANN, A. C. Grundzüge einer vergleichenden Therapie. Berlin, 8vo, pp. 159.

1863. KISSEL, C. Handbuch der speciellen Pathologie und Therapie. Erlangen, 2 vols. 8vo, pp. 807, 872.

1863. STENS, W. Therapeutics of the Day. Transl. from the German by H. St. Clair Massarah. London, 8vo, pp. 342.

1864. PAGANO, —. Instituzioni di Materia Medica e Terapeutica. Napoli, 2 vols. 8vo.

1864. PETROZ, A. Études de Thérapeutique et de Matière Médicale; mises en ordre, annotées et précédées d'une introduction sur sa vie et ses travaux par A. Cretin, avec portrait. Paris, 8vo, pp. 705.

1864. GUENEAU DE MUSSY, N. De la Doctrine Thérapeutique. Leçon d'introduction à un cours de clinique médicale. Montpellier, 8vo, pp. 22.

1864. SIEVEKING, E. H. Syllabus of Lectures on Materia Medica and Therapeutics. London, 8vo. *Bibl. Med.-Chir. Soc.*

1864. BANG, O. L. Therapeutiske Supplementer. Copenhagen, 8vo. pp. 100.

A most interesting and extremely useful compendium of therapeutics, containing in a brief space the experience and views of the veteran professor respecting the numerous acquisitions with which the ten or twelve years previously had enriched the science of practical medicine. The work, small as it is, consequently treats of a vast number of topics, to each of which but small space is necessarily devoted.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1865, pp. 143.

1865. BOUCHARDAT, A. Manuel de Matière Médicale, de Thérapeutique, et de Pharmacie. Paris. Fourth ed. 2 vols. 18mo, pp. 1713; fifth ed. ibid. 1873. *Bibl. Med.-Chir. Soc.* (ed. 1873).

1865. FARRE, F. J., BENTLEY, R., WARRINGTON, R. Manual of Materia Medica and Therapeutics, being an Abridgment of the late Dr. Pereira's 'Elements of Materia Medica.' London, 8vo, pp. 614; ibid. 1872, 8vo, pp. 1116; ibid. 1874, 8vo. pp. 1114. American ed. by Prof. H. C. Wood, Philadelphia, 8vo, 1866, adapted to the U.S. Pharmacopœia. See 1854-7, *antè*.

This, as the title-page indicates, is an abridgment of Dr. Pereira's great treatise (1854-7). Had it appeared as an independent work it would doubtless have attained and maintained a high position amongst books of its class, for it possesses considerable intrinsic merit, but regarded as an outcome of Pereira's exhaustive work it is comparatively speaking a failure. It is one of those cases in which a book loses rather than gains *prestige* from being associated with a well-known name; it is thrown into the shade by its great original. Drs. Farre, Bentley, and Warrington, by their combined efforts, or indeed individually, could have produced, independently of Pereira, a work of as great if not greater merit than the present. These remarks apply to the first edition; the subsequent ones manifest great improvement.

1865. FRANCESCHI, J. Fondamenti di Terapia Generale. Bologna, 12mo.

1865. CORPUT, VAN DEN. Aperçu de Matière Médicale et de Thérapeutique Brésiliennes. Bruxelles, 8vo.

1865. NÁVÁYAN DÁJÍ. A treatise on Materia Medica and Therapeutics. Compiled from the English (in Marathi). Bombay, 8vo, pp. 469.

1865. BUTIGNOT, —. Des applications de l'Hygiène à la Thérapeutique. Paris, 8vo, pp. 19.

1865. LEBERT, H. Handbuch der allgemeinen Pathologie und Therapie, &c. Tübingen, 8vo, pp. 870. Dutch transl. by K. J. Van Duijl. Utrecht, 8vo, 1867.

1865. BUONOMO, G. Lezioni di Terapeutica e di Tossicologica. Napoli, 8vo.

1865. MAURIN, S. E. Compilation pour servir à l'histoire de la Thérapeutique en France de 1837 à 1861. Marseille, 8vo, pp. 80.

1865. PIORRY, P. A. La Médecine du bon sens. De l'emploi des pétits moyens en médecine et en thérapeutique. Paris, 18mo, pp. 544.

186(5?). CAPDEVILA, —. Elementos de Terapéutica y Materia Medica. Sixth ed. Madrid, 8vo.

1865. CHAPMAN, J. Neuropathy, or Vaso-motor Therapeutics; a new method of treating disease through the agency of the nervous system. (Ex. in *Journ. of Mental Science*, April, 1865.)

The two following conclusions constitute the sum and substance of Dr. Chapman's views. 1. That by means of heat applied along the spine the general circulation may be lessened, the activity of the glandular system increased, and in some instances cramps induced. 2. That by means of cold applied along the spine the general circulation may be increased, the activity of the glandular system lessened, and cramps arrested or prevented. By means of an "ice-bag" to the spine Dr. Chapman proposes to control the course of cholera and many other diseases of a grave character.

1866. COPLAND, J. Dictionary of Practical Medicine, the whole forming a digest of Pathology and Therapeutics. London, 8vo.

This is an abridgment of Dr. Copland's great dictionary in four vols., which will ever remain a monument of the author's indomitable zeal, perseverance, and ability.

1866. ISAMBERT, —. Mémoires divers sur plusieurs questions de Pathologie, d'Anatomie, et de Thérapeutique. Paris, 8vo, pp. 40.

1866. MAHÉ, J. B. *De l'application de la méthode expérimentale à la Thérapeutique. Montpellier, 4to, pp. 45.

1866. BOUCHUT, E., et DESPRÉS, A. Dictionnaire de Thérapeutique médicale et chirurgicale. Paris, 8vo, with figures interspersed through the text. Second ed., greatly enlarged, ibid. 8vo, pp. 1470, with 754 figures. *Bibl. Med.-Chir. Soc.*

1866. POSNER, L. Handbuch der klinischen Arzneimittellehre. Berlin, 8vo, pp. 799.

1866. HARTMANN, F. Compendium der speciellen Pathologie und Therapie, &c. Berlin, 8vo, pp. 1000.

1866. PAUL, C. *De l'antagonisme en Pathologie et en Thérapeutique. Paris, 4to.

1866. SCORESBY-JACKSON, R. E. Note-book of Materia Medica, Pharmacology, and Therapeutics. Edinburgh, 8vo, pp. 630.

Idem with Supplement by Dr. A. Macdonald, ibid. 1867. Second ed. by Dr. Macdonald, Edinb. 1871, 8vo, pp. 686; third ed. ibid. 1875, pp. 662.

Essentially a student's book—one of the best of its kind. There is an introductory portion relating to the sources of medicines, their active principles, their preservation, the characters of the various officinal formulæ, and the art of framing them, with many other matters, all very useful, not generally included in works of this class.—*Brit. and For. Med.-Chir. Rev.*, July, 1869, p. 21.

1866-72. Oppolzer's Vorlesungen über specielle Pathologie und Therapie; bearb. und herausg. von Dr. E. Ritter von Stoffella. Erlangen, 8vo, pp. 534. Italian transl. by E. de Renzi, Naples, 1868, 8vo. *Bibl. Med-Chir. Soc.*

The work was left incomplete at the death of the author, and concludes at the first division of the second vol., Erlangen, 1872.

The instruction imparted in this work bears throughout the character of that of a physician of wide experience, of accurate powers of observation, of superior sagacity, and gifted with the faculty of clearly expounding the knowledge he has acquired.—*Brit. and For. Med.-Chir. Rev.*, April, 1869, p. 448.

1867. Dickson, S. H. Studies in Pathology and Therapeutics. New York, 12mo, pp. 201.

These "studies," six in number, are all eminently readable, and if they cannot be said to convey always positive and direct practical instruction, they are highly suggestive, and cannot fail by their attractive style to fix the attention of the reader.—*American Journ. Med. Sci.*, Jan., 1868, p. 235.

1867. (Anon.) Traité de Thérapeutique et de Matière Médicale, d'après les travaux Français, Italiens, Anglais, et Allemands. Paris, 8vo, pp. 694.

1867. Köhler, R. Handbuch der speciellen Therapie, &c. Tübingen, 8vo, pp. 921.

1867. Jones, H. Bence, Lectures on some of the applications of Chemistry and Mechanics to Pathology and Therapeutics. London, 8vo, pp. 314. *Bibl. Med.-Chir. Soc.*

A work of great interest and high importance. Should the author's observations, especially those contained in the first and second lectures, "On the Chemical Circulation of the Blood" and "On the Fluorescence of the Textures," be confirmed, as there seems little reason to doubt they will be, at least in part, they will constitute some of the greatest triumphs of animal chemistry as applied to the foundation of a rational system of therapeutics. For excellent analytical review see *Brit. and For. Med.-Chir. Rev.*, Oct., 1867, p. 386-400.

1868. Gubler, A. Commentaire Thérapeutique du Codex Medicamentarius, ou histoire de l'action physiologique et des effets thérapeutiques des médicaments inscrits dans la Pharmacopée Française. Paris, 8vo. Second Ed. Ibid. 1873-4. *Bibl. Med.-Chir. Soc.*

A valuable contribution in aid of the science of therapeutics.—*Practitioner*, Aug., 1868, p. 113.

1868. Griscom, J. H. Essay on the therapeutical value of certain Articles of the Materia Medica of recent introduction. Albany, U.S., 8vo.

1868. (A.H. 1285.) MOHAMMED, SALÎM KHÂN. Handbook for Pathology and Therapeutics. Lucknow, 8vo, pp. 189.

1868. SOGLIANO, M. Guida programmatica alla Nosologia e Terapia speciale. Napoli, 8vo, pp. 90.

1869. JEANNEL, J. Formulaire Magistral, précédé d'un Memento de Matière Médicale et de Thérapeutique. Paris, 4 vols. 18mo.

1869. RILEY, J. C. Compendium of Materia Medica and Therapeutics, for the use of students. Philadelphia, 8vo, pp. 370.

1869. JAUMES, F. A. Traité de Pathologie et de Thérapeutique générales. Paris, 8vo, pp. 1116. *Bibl. Coll. Phys. Edin.*

1869. GUBLER, —. Leçon d'ouverture, du cours de Thérapeutique. 17 Mars, 1869. Paris, 8vo, pp. 15.

1869. HUGHES, R. Manual of Therapeutics. New York, 8vo.

A homœopathic manual.

1869. MILNE, A. A Manual of Materia Medica and Therapeutics. Edin. 12mo. Third ed. Glasgow, 1875, 8vo, pp. 325.

1869. RINGER, S. Handbook of Therapeutics. London, 8vo, pp. 482. Second ed. ibid. 1871; third ed. ibid. 1873, pp. 576; fourth ed. ibid. 1874, pp. 630.

Dr. Ringer's work is essentially an epitome of empirical observations, partly collected from others and largely added to by his own experience. The book contains many valuable hints, and practical rules as to the treatment of disease. He has, however, not done much towards systematising or defining our previous ideas as to the real uses of medicines.—*Dublin Quart. Journ. Med. Sci.*, Nov., 1870, p. 338.

1869. WAHLTUCH, A. Dictionary of Materia Medica and Therapeutics. London, 8vo, pp. 484.

This work contains, in parallel columns, the following information in regard to the drugs specified in the 'British Pharmacopœia' of 1867:—1. Their names and various synonyms of the drugs in Latin, English, French, Italian, German, and Russian. 2. Their character and properties, or composition. 3. Their physiological effects and therapeutics. 4. Their forms and doses. 5. Their preparations. 6. Prescriptions from British and foreign sources, with the name of the disease in which they have been employed. Looked at from a therapeutical point of view, the work is of little value, although its compilation must have cost the author an immensity of labour. To the student of foreign medicine the careful arrangement of the synonyms and the tables of comparative weights and measures may prove very useful.

1869. RAMBAUD. Des principes qui doivent inspirer et guider la Thérapeutique. Lyon, 8vo, pp. 16.

1869-74. CANTANI, A. Manuale di Materia Medica e Terapeutica basata su i recenti progressi della Fisiologia e della Clinica. Milan, 8vo.

1870. NAPHEYS, G. H. Modern Therapeutics. A compendium of recent formulæ and specific therapeutical directions. Philadelphia, 16mo, pp. 390. Second ed. ibid. 1871; third ed. ibid. 1872.

1870. ROGERS, J. On the present state of Therapeutics, with some suggestions for placing it upon a more scientific basis.
London, 8vo, pp. 232.

A remarkable book, the main drift of which is to demonstrate that up to the present time we have really no *principles* of therapeutics at all, although we doubtless possess much valuable empiric knowledge. It is with the view of supplying this deficiency that this work is issued. How far it will succeed in accomplishing this remains to be seen; in the mean time the contents of this volume afford abundant matter for thoughtful consideration. See a good review of this work in *Practitioner*, April, 1870, p. 225, also in *Edin. Med. Journ.*, Oct., 1870, p. 340.

One of the most careful inquiries into therapeutics we have seen, and likewise one of the best-aimed blows we have encountered at the tenets of Hahnemann.—*British and For. Med.-Chir. Rev.*, April, 1871, p. 361.

1870. GAREAU, C. *Nouvelles recherches expérimentales sur la Pharmacologie, la Physiologie et la Thérapeutique. Paris, 4to.

1870. BLACK, D. C. Observations on Therapeutics and Disease.
London, 8vo, pp. 48.

A clever pamphlet, containing an attempt to base a new system of therapeutics on purely pathological principles. On this point the editor of the *Practitioner* (Oct., 1870), observes, "The author has failed to lay what we can consider at all a satisfactory foundation for a reformed system of therapeutics." (P. 234.)

The author holds that the great desideratum in therapeutics is to make our remedial agents subservient to those chemical and physiological conditions which constitute life, and the chief merit of Dr. Black's observations lies in the recognition of this important principle.—*Dublin Quart. Journ. Med. Sci.*, Nov., 1870, p. 338.

Dr. Black's essay displays extensive knowledge of his subject, and although many of his views are necessarily open to controversy, they are well worth consideration.—*Brit. and For. Med.-Chir. Rev.*, April, 1871, p. 420.

1870. TOMMASI, S. Terapia Generale, memorie raccolte dagli scritti e dalle lezioni per cura di R. Maturi. Napoli, 16mo.

1870. JAENNEL, J. Formulaire officinal et magistral international, suivi d'un Mémorial Thérapeutique. Paris, 18mo, pp. 976.

1871. CANTANI, A. Manuale di Materia Medica e Terapeutica.
Milan, 8vo.

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1871. DROUOT, T. Médecine positive. Eléments de Médecine positive et de Thérapeutique rationelle. Paris, 8vo, pp. 20.

1871. MADDEN, H. R. On the relation of Therapeutics to modern Physiology. London, 8vo.

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1871. SANCHEZ BUSTAMENTE. Resúmen de Terapeútica y Materia Medica. Madrid, 4to.

1872. HACQUART, P. Traité de Botanique Médicale, &c., suivi d'un Mémorial Thérapeutique. Rouen, 8vo, pp. 413.

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1873. BINZ, C. Grundzüge der Arzneimittellehre; ein klinisches Lehrbuch. *Vide* "Medicines, their Properties," 1869. Berlin, 8vo.

1873. JOUSSET, P. Éléments de Pathologie et de Thérapeutique générale. Paris, 8vo, pp. 247.

1873-4. DADÉA, B. Compendio di Materia Medica pura et di Terapeutica. Torino, 2 vols. 8vo.

1874. FARQUHARSON, R. On the Past, Present and Future of Therapeutics. An introductory lecture. London, 8vo.

A superficial sketch of the subject, containing nothing which calls for special comment.—*Dublin Journ. Med. Sci.*, Nov. 1874, p. 408. The subject, however, is said in *Edin. Med. Journ.*, Nov. 1874, p. 456, to be treated in a clear and interesting manner.

1874. KRAUS, L. G. Compendium der speciellen Pathologie und Therapie. Second ed.? Vienna, 16mo, pp. 1028.

1874. BALLESTER, A. Resúmen de Terapeútica, Materia Médica, y Arte de recetar. Madrid, 4to, pp. 160.

1874. GLONER, J. C. Nouveau Dictionnaire de Thérapeutique, comprenant l'exposé des diverses méthodes de traitement employées par les plus célèbres praticiens pour chaque maladie. Paris, 18mo, pp. 803.

1874. GRIFFITHS, W. H. Chemistry in its relations to Therapeutics. Reprint from *Medical Circular and Press*. London.

The object of the author in this paper is "to direct attention to certain recent chemico-therapeutical researches which are of no little importance as serving in some degree to raise therapeutics from the grade of irrational empiricism to the dignity of an exact science." It is to be regretted that

there is not much in this paper to accomplish this desirable object.—*Edinburgh Med. Journ.*, March, 1875, p. 833.

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A great improvement on Meade's original work, which was a mere "grinder's" book, intended to smooth the way for those who were too idle or too stupid to prepare themselves legitimately to pass their examinations. The part devoted to "Therapeutics" is simply a catalogue of drugs arranged according to their supposed action in disease, with a few remarks on their virtues and a notice of their doses. Dr. Silver, however, in his sketch has succeeded in conveying the main facts and accepted doctrines of the day in pathology and therapeutics in a correct and intelligible form.—*Brit. and For. Med.-Chir. Rev.*, Oct. 1874, p. 407.

1874. PHILLIPS, C. D. F. Materia Medica and Therapeutics. Vegetable Kingdom. London, 8vo, pp. 584.

High commendation is bestowed upon this work in the *Practitioner*, Sept., 1874, p. 203; *Edinburgh Med. Journal*, Nov., 1874, p. 459; and *Dublin Journal of Med. Science*, July, 1875, p. 136. On the other hand, the *British and Foreign Med.-Chir. Review*, Oct., 1875, p. 405-8, whilst admitting that there are some good articles in it, and that much of the matter contained in it is new, denounces its teaching "as neither more nor less than pure homœopathy." A careful personal perusal of the work shows that there are good grounds for the strictures of the last-named review. Few modern works on therapeutics, as far as my experience goes, contain so many dogmatic and unsupported assertions—*e.g.* p. 110-112, where cocculus indicus is lauded as an *internal* remedy in vomiting, dyspepsia, disordered menstruation, leucorrhœa and chlorosis. The author speaks positively of its value in these cases, but he gives no authorities for his statements, neither does he say that they are the results of his own experience; though he adds, under the heading of "Preparations and Dose," "I personally employ an extremely strong tincture of cocculus indicus, made specially by Savory and Moore, dose 1 to 3 minims"! A wide range for "an extremely strong tincture" (of unknown proportions) without any directions as to the repetition of the dose, &c. One more example out of many of the same class, p. 161—"In hysteria, attended by depression of spirits and constant weeping, it (the syrup of violets) is also good"! The progress of therapeutic truth is impeded rather than promoted by loose, unsupported statements like these, however dogmatically they may be placed before the reader.

1874. CARROLL, A. L. Hygiene in its relation to Therapeutics. New York, 8vo, pp. 37.

This paper, read before the New York Medical Journal Association, is evidently the result of much labour, and deserves to be read with careful

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1875. ZIEMSSEN, H. VON. Handbuch der specielen Pathologie und Therapie. Leipzig, 8vo. English transl. by H. A. Buck, under the title of 'Cyclopædia of Practical Medicine,' New York and London, 8vo.

This important work, which is to extend to fifteen volumes, consists of a series of articles by the most eminent authorities of the day, and promises to attain a high place in medical literature.

1875. ALLEN, T. F. Encyclopædia of Pure Materia Medica. A record of the positive effects of drugs upon the healthy human organism. Vol. i, New York, 8vo, pp. 622.

1875. HENRY, A. Posological and Therapeutic Tables. Edin. 16mo, pp. 66.

A complete *multum in parvo*, in strictly pocket size; it teaches how to write a prescription, gives explanations as to the various actions of medicine, very full posological tables, with therapeutic memoranda, an index of diseases with remedies suggested, and last, but not least, several pages of valuable information on toxicology.—*Edin. Med. Journ.*, Nov., 1875, p. 448. The therapeutic portion of it is very meagre.

1875. CONAN, —. Essai de Thérapeutique positive, basée sur l'examen de l'urine et des produits morbides.
Paris, 8vo, pp. 206, pl. i.

1875. FLEURY, A. DE. Leçons de Thérapeutique générale et de Pharmacodynamie. Bordeaux, 8vo, pp. 718, tab. iv.

1875. SAN MARTIN Y SATRÚSTEGUI, A. Nuevos Elementos de Terapeútica general (Materia Medica, Terapeútica experimental, y arte de recetar). Madrid, 4to, pp. 112.

1875. FERRAND, A. Traité de Thérapeutique Médicale; ou Guide pour l'application des principaux modes de médication à l'indication thérapeutique et au traitement des maladies.
Paris, 18mo, pp. 848.

1875. FONSSAGRIVES, J. B. Principes de Thérapeutique générale, ou le Médicament étudié aux points de vue physiologique, posologique, et clinique. Paris, 8vo, pp. 472. *Bibl. Med.-Chir. Soc.*

In this work the author treats of "the remedy" abstractly from every point of view, physiological, posological, and clinical, beginning by defining what a remedy is, and following up this definition by arguing as to the necessity for remedies, their origin, the fluctuations they have undergone, and so forth, inquiring into everything connected with the use or abuse of a remedy, always abstractly, and concluding with a methodic grouping of remedies according to the clinical intention with which the remedy is employed. The work is philosophically written and well worthy of consideration.—*Edin. Med. Journ.*, Sept., 1875, p. 253.

1875. DUBOUÉ, —. De quelques principes fondamentaux de la Thérapeutique; applications pratiques: recherches sur les propriétés thérapeutiques du Sulfate de Quinine, de l'Eau froide, de l'Arsenic, du Seigle ergoté, du Tannin, et du Permanganate de Potasse, &c. Paris, 8vo, pp. 151.

1875-6. KÖHLER, H. Handbuch der physiologischen Therapeutik und Materia Medica. Göttingen, 2 vols. 8vo, pp 1336.

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1791. HECKER, A. F. Therapia generalis Chirurgica. Erfordii, 4to.

1804. ROCHÉ, E. H. Thérapeutique Chirurgicale générale. (Transl. from the German of A. F. Hecker, with notes.)
Paris, 8vo, pp. 304.

1812. LEVEILLÉ, J. B. F. Nouvelle doctrine chirurgicale, ou Traité complet de Pathologie de Thérapeutique et d'opérations chirurgicales. Paris, 4 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1821. GARNERI, H. Rudimenta Hygienes, Pathologiæ, Therapeutices, epitome Nosologiæ ad instituendos Chirurgiæ studiosos in regio Taurinensi. Taurini et Paris. 8vo, pp. 477.

1821. RICHERAND, BARON A. Nosographie et Thérapeutique Chirurgicales. Paris, 4 vols. 8vo, plates. *Bibl. Med.-Chir. Soc.*

1822-45. LANGENBECK, C. J. M. Nosologie und Therapie der chirurgischen Krankheiten. 5 vols. in 6, 8vo, plates, Gottingen. *Bibl. Coll. Phys. Edin.*

1825. BAROVERO, G. Therapeutices et Materiei Medico-chirurgicæ elementa. Turin, 8vo.

1828. TAVERNIER, A. Manuel de Thérapeutique Chirurgicale. Paris, 2 vols. 18mo, pp. 814.

1834. PATRIX, E. G. Philosophie Thérapeutique médico-chirurgicale. Paris, 8vo, pp. 332, plates. *Bibl. Med.-Chir. Soc.*

1835. LELIÈVRE, —. *Propositions Thérapeutiques Chirurgicales. Paris, 4to.

1835. MAISONNEUVE, J. G. *Propositions Therapeutico-chirurgicales. Paris, 4to.

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1848. BARTHÉLEMY, T. Quelques nouveaux aperçus de Thérapeutique Chirurgicale. Paris, 8vo, pp. 120.

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The most elaborate and complete work on this branch of the healing art which has ever been published in any country.—*Dub. Quart. Jour. Med. Sci.*, November, 1859, p. 468.

The author's style is easy; he seems to have a clear understanding of what he means, and his language is intelligible. His descriptions of diseases are good and practical; he deals also in principles and approved modes of treatment.—*Brit. and For. Med.-Chir. Rev.*, April, 1861, p. 392.

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An admirable example of what a work on surgical pathology and therapeutics should be. The woodcut illustrations, 152 in number, are for the most part admirably executed and exceedingly well adapted to make clear the meaning of the author. Whether looked at as a text-book for students or as a work of reference for the practitioner, it deserves to be spoken of in high terms of commendation. The translator (Dr. Hackley) has performed his task in an exceedingly creditable manner.—*Brit. and For. Med.-Chir. Rev.*, July, 1873, p. 169.

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A safe and useful guide in mechanical and elementary surgery.—*American Jour. Med. Sci.*, January, 1868, p. 225.

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1609. HUCHERUS, J. Liber de diæta et Therapeia puerorum. Acced. ejus liber "De sterilitate utriusque sexus." Genev. 8vo.
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1617. BERTRAM, J. *Theoria et therapia Hydropis. Basileæ, 4to.

1622. MACOLLONE, J. Iatria chemica, exemplo therapiæ Luis Venereæ illustrata. London, 8vo. *Bibl. Acad. Edin.*

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1671. FRIDERICI, J. A. *De Hæmorrhagiæ Uteri et Menstruæ preternaturalis theoria et therapeutica. Jenæ, 4to.

1691. CAMPER, C. VAN. Collectanea Therapeutica de Pleuritide et Apoplexia. Bredæ, 8vo. *Bibl. Coll. Phys. Edin.*

1695. STAHL, G. E. De Febrium pathologia et therapia in genere. Halæ, 4to. Alt. ed. 1707, 1822, 4to.

1709. TORTI, F. Therapeutice specialis ad Febres quasdam perniciosas repente lethales cum vera China China sanabiles. Mutinæ, 4to. Ed. alt. Venet. 1754, Francof. 1756, 4to, &c.
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Torti was the first to show the applicability of cinchona to all forms of periodical fevers. His work was long held as a standard authority on the subject. The last and best edition is that by L. A. Mauratorio, with memoir; and notes by C. C. J. Tombeur and O. Bixie, Leodii, 1821, 2 vols. 8vo. *Vide* "Cinchona."

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1752. WENDT, P. *De Asthmatis vera pathologia et rationali therapia. Halæ, 4to.

1754. HAMBERGER, G. E. De Grangrænæ inflammatoriæ therapia. Jenæ, 4to.

1755. HEISTER, L. Theoria atque therapia molesti Febrium essentialium symptomatis, &c. Resp. J. F. J. Müller. Helmstd. 4to. *Bibl. Roy.*

1771. BOEHM, —. De varia Syphilidis therapia. Argentorati, 4to (Baldinger Sylloge ii, p. 200). *Bibl. Med.-Chir. Soc.* (Baldinger).

1772. BALDINGER, E. G. Febrium acutarum Therapia. Jenæ, 4to.

1775. OSVALD, J. H. De Obesitatis corporis humani therapia. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1777. MERA, J. Z. DE. *Diss. sistens obs. Febrium Intermittentium therapiam concernentes. Præs. G. Detharding. Butzovii, 4to.

1781. MIQUET, J. S. *Quæstio medica eaque therapeutica de Hepatitide. Nancy, 4to.

1782. BOEHMER, —. *De necessaria Ophthalmiæ therapia interna. Döring, i, p. 121. Halæ, 4to.

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1788. SPIELMANN, —. Diss. sistens therapias Syphilidis anno 1771 aut posteriores aut denuo resuscitatas. Argentorati, 4to.

1788. AVON, C. F. *Diss. sistens Hemicraniæ therapiam. Jenæ, 4to, pp. 28.

1790. PHŒBUS, L. *De pathologia Flatuum, eorumque therapia generali. Halæ, 8vo, pp. 62.

1791. BEZOLD, J. A. *Diss. sistens Apoplexiæ therapiam specialem. Erforti, 4to, pp. 16.

1791. PETIF, C. L. *Diss. circa Phthisium therapiam, &c. Stuttgardiæ, 4to, pp. 26.

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1794. OPPERMANN, C. H. *De Ophthalmia ejusque therapia specialiori. Erlangæ, 8vo, pp. 47.

1796. WOLTERBECK, J. S. *Diss. patholog. therapeutica de Gangræna. Traject. ad Rhen. 4to, pp. 80.

1797. HUFELAND, F. *Diss. sistens pathologiæ atque therapiæ Hæmorrhagiarum adumbrationem. Jenæ, 8vo, pp. 45.

1799. BLOESCH, J. A. *Animad. quædam in statum et therapiam Submersorum. Præsid. G. G. Ploucquet. Tubingæ, 4to, pp. 31.

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1804. FLEGELEIN, G. M. Versuch einer Nosologie und Therapie der Entzündung im allgemeinen, &c. Würzburg, 8vo.

1805. (Ann. xiii.) GIRAUDY, C. F. S. Précis de thérapeutique des Maladies chroniques. Paris, 12mo.

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1810. AUBRY, J. F. Introduction à la Thérapeutique de Cos, dans laquelle on a principalement eu en vue le traitement des maladies aigues. Montpellier, 8vo.

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1816. ACHARD-LAVORT, J. B. Principes de Thérapeutique appliqués aux maladies internes. Paris, 2 vols. 8vo. *Bibl. Coll. Surg. Lond.*

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1816. KRIEGER, L. J. *Diss. complectens therapiam Tracheitidis Infantum. Pestini, 8vo, pp. 40.

1816. MARIE DE SAINT-URSIN, P. J. Étiologie et Thérapeutique de l'Arthritis et du Calcul, ou opinion nouvelle sur la cause, la nature, et le traitement de la goutte et de la pierre. Paris, 8vo. *Bibl. Coll. Surg. Lond.*

1817. LUNDBORG, C. J. *Diss. nosolog.-therapeutica de Entozois humanis. Præs. C. P. Thunberg. Upsaliæ, 4to.

1818. LAFONTAINE, J. F. *Nosogeniæ therapiæque Syphilidis tentamen. Landishuti, 8vo.

1820. MARMET, W. A. *Colicæ adumbratio pathologica et therapeutica. Berol. 8vo, pp. 35.

1820. MANTOVANI, V. Lezioni di terapia speciale sulle Infiammazioni e rendiconto clinico. Pavia, 3 vols. 12mo, pp. 428, 448, 400. *Bibl. Med.-Chir. Soc.*

Contains a fair representation of the doctrine and practice in the north of Italy at that period. Compared with the most esteemed works of contemporary authors in France and England on the same subjects, the Italian professor has no reason to blush. The author, a distinguished disciple of the Rasorian school, simply relates things as he himself had seen them, describes those inflammatory diseases which he himself had treated, and gives an account of the results of the treatment which he employed to combat them successfully. (See review in *London Med. Phys. Journ.*, xlvii, 1822, p. 151-154.)

1820. MÜLLER, C. J. G. *Analecta in pathologiam et therapiam Bubonum venereorum. Dorpati Livon. 8vo, pp. 63.

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1822. PIERQUIN, C. C. Sur le Génie intermittent ou périodique et sa thérapeutique spéciale. Paris, 8vo.

1823. KUMMER, E. G. *Chorleoseos pathologia et therapia. Lipsiæ, 8vo.

1823. WEBER, G. F. Grundzüge der Consumptions-Krankheiten des Lungenorgans; ein patholog. therapeutischer Versuch. Giessen, 8vo, pp. iv, 171.

1823. PLEINDOUX, E. De quelques moyens thérapeutiques employés dans le traitement de la Blenorrhagie et de la Syphilis. Montpellier, 8vo, pp. 61.

1824. VENABLES, R. Clinical Report on Dropsies, with observations explanatory of their pathology and therapeutics, &c. London, 8vo, pp. 240. *Bibl. Coll. Surg. Lond.*

This report embraces the details of twenty-one cases of dropsy, treated on antiphlogistic principles, with remarks on individual cases, to which are appended inferences and general observations on dropsical affections. For a summary of these see *Med.-Chir. Rev.*, July, 1825, p. 91.

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transl. of second ed. by Dr. W. H. Walshe, London, 8vo, 1844 (for Sydenham Society).

A model work. The therapeutical portion of it is additionally interesting and valuable as containing the results of M. Louis's own extensive experience.

1825. GUERIN, H. Des Irritations encéphaliques et nerveuses sous le rapport de la Thérapeutique. Paris, 8vo, pp. 62; ibid. 1827, 1829. *Bibl. Facult. Glasgow.*

1825. PLISSON, F. E. Essai historique et thérapeutique sur les Asphyxies. Second ed. Paris, 16mo; ibid. 1826.

1826. VERING, J. RITTER VON. Syphilido-Therapie. Wien, 8vo, pp. viii, 182.

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Contains a vast amount of information, which is so judiciously arranged and concentrated that we have at a glance the opinion of nearly every writer worth naming, and the author's own comment. . . . A full, compendious, and practical monograph.—*Practitioner*, Sept., 1868, p. 172-3.

1868. LAZANSKY, A. Compendium der Pathologie und Therapie der localen inneren Krankheiten. Erlangen, 8vo, pp. 647.

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Lisboa, 8vo. pp. 1052.

One of the most complete, if not the most complete, summary and exposition of recent syphilographical science, a marvel of industry and fair selection. In the treatment of syphilis and its relapses Dr. Marques is inclined to a very prolonged use of mercury in small doses. There is an especial formulary at the end of the volume.—*Medical Times and Gaz.*, Oct. 3, 1868, p. 406.

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1872. ATLEE, W. L. The Diagnosis of Ovarian Tumours with special reference to ovariotomy; with occasional pathological and therapeutical considerations. Philadelphia, 8vo, pp. 482, pl. 39.

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A valuable contribution to the subject, quite as much in what it teaches us to avoid as what may perchance do good. It is very well worth reading.—*Medical Times and Gaz.*, Feb. 1, 1873, p. 125.

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For an exposition of Dr. Zuelzer's views see *London Med. Record*, Jan. 29, 1873.

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1874. TROUESSART, E. L. Contribution à la Pathologie et à la Thérapeutique générale de l'Inflammation. Paris, 8vo, pp. 80.

1874. ULRICH, A. S. Pathologie und Therapie der Muskulären Rückgratsverkrümmungen. Bremen, 8vo, pp. 112.

A most excellent treatise; the work of a man who has spent the best years of his life in studying and perfecting his system, and in endeavouring to force on the attention of the profession the claims of a rational system of treatment of muscular deformities of the spine. For an abstract of Prof. Ulrich's views see *Medical Times and Gaz.*, July 13, 1874, p. 657.

1874-5. KÜLZ, E. Beiträge zur Pathologie und Therapie d. Diabetes mellitus und insipidus. Marburg, 2 vols. 8vo, pp. 222, 228, pl. lith. 5. *Bibl. Med.-Chir. Soc.*

In respect to careful tabulated clinical analyses of the cases, the two volumes of Dr. Külz, observes Dr. Clifford Allbutt (*Brit. and For. Med.-Chir. Rev.*, April, 1876, p. 366), have an especial value. I do not know, he adds, that any monograph on diabetes can be compared with it in respect of the tables it contains, assuming, as I confess I do, their accuracy. Dr. Külz investigates the conditions of the insensible perspiration in diabetes, the presence or absence of sugar in the juices of the stomach, the influence of Karlsbad water (which he regards as valueless), of alcohol, glycerine, &c. Milk he considers can only be occasionally useful. All these points and others are supported by long and minute analyses. He gives some most interesting observations concerning levulose and inulin in this disease.

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The object of the author would seem to have been to lay before his countrymen all the most recent improvements in gynaecology, and more particularly and fully those introduced by British practitioners, who are most copiously quoted. The works of German, French, and American authors are also laid under contribution. In the therapeutic section we have, interspersed with figures of instruments, prescriptions for pessaries by Tanner and Martin, &c., and formulæ for the administration of various drugs by these authors. What must strike every reader is the large amount of facts collated, the number of authors consulted, and withal an almost entire absence of original matter.—*Brit. and For. Med.-Chir. Rev.*, July, 1875, p. 178-180.

1875. DE PETRI, P. Formulario Terapeutico Antidifterico. Varalo, 8vo, pp. 40.

1875. LIEBERMEISTER, C. Handbuch der Pathologie und Therapie des Fiebers. Leipzig, 8vo, pp. 629, with 24 illustrations.

1875. TROPEA, C. Patologia e Terapia Medica speciale delle malattie degli Organi Digerenti e Respiratori. Quinta edizione. Roma, 8vo, pp. 48.

1875. MINERBA, M. Note clinico-terapeutico-critiche sopra una Polmonite curata da Nicola Frigino. Lecce, 8vo.

1875. SAN MARTIN Y SATRÚSTEGUI. La Terapeútica individual y social su pasado, su presente y su porvenir. Madrid, 8vo.

1875. MEY, M. Zur Aetiologie und Therapie der Lungenschwindsucht. Leipzig, 8vo, pp. 26.

1875. MÜLLER, F. W. Pathologie und Therapie des Harnröhrentrippers. Stuttgart, 8vo, pp. 186.

1875. SPENDER, J. K. Therapeutic means for the relief of Pain: being the prize essay for which the Medical Society of London awarded the Fothergillian Gold Medal in 1874. London, 8vo, pp. 230.

A very useful compendium of every possible therapeutic means which has ever been employed for the relief of pain, and of all the various modes in which these remedies have been employed. Though rather an "omnium gatherum," and including everything from sulphate of nickel to moral influence, the variety is useful, and he who patiently looks through it will find some scraps of information to reward his perseverance.—*Edin. Med. Journ.*, Sept., 1875, p. 257.

1875. FOX, TILBURY. Key to Skin Diseases, consisting of charts of diagnostic features, therapeutic rules, &c. London, 12mo.

Drawn up "for clinical use and for those preparing for examinations."

1875. VIAL, E. De la Diathèse Urique: pathogénie, thérapeutique. Paris, 8vo, pp. 64.

PERIODICALS AND JOURNALS RELATING PROFESSEDLY TO THERAPEUTICS.

FRANCE.

ANNALES DE THÉRAPEUTIQUE MÉDICALE ET CHIRURGICALE, ET DE TOXICOLOGIE. Founded in 1842-3 by Dr. Rognetta. Paris.

ANNUAIRE DE THÉRAPEUTIQUE, DE MATIÈRE MÉDICALE, DE PHARMACIE, ET DE TOXICOLOGIE. Par M. A. Bouchardat. Paris, 32mo. Commenced in 1841, and continued annually to the present time.

An English translation for the year 1867 by M. J. de Rocet was commenced at Philadelphia in 1868 under the title of 'Annual Abstract of Therapeutics, Materia Medica, Pharmacy, and Toxicology.' Whether translations of any subsequent volumes appeared I know not.

A short, concise *résumé* of the preceding years' progress in therapeutical knowledge. There is an index volume of contents from 1841 to 1855, which greatly enhances the value of the preceding volumes. The drawbacks to this otherwise valuable set of little volumes are twofold: 1, the imperfect rendering of the proper names of the authors other than French; and 2, the vague manner in which references to works quoted are given, which makes it extremely difficult to verify a quotation.

ARCHIVES DE PHYSIOLOGIE, DE THÉRAPEUTIQUE, ET D'HYGIÈNE. Sous la direction de M. Bouchardat. Paris, 1854, 8vo.

Numbers 1 and 2 (all that appeared) contain the "Memoir on Digitalis and Digitaline" by MM. Homolle and Quévenne, and that "On the Therapeutic Uses of Iron" by M. Quévenne, both important communications, which have been reprinted. See Articles "Digitalis" and "Ferrum."

BULLETIN GÉNÉRAL DE THÉRAPEUTIQUE MÉDICALE ET CHIRURGICALE. Paris, 8vo. Issued bi-monthly. Founded in 1831 by Dr. Miquel, and continued under various editors to the present time.

In connection with this journal there have been issued, commencing in 1861, a series of annual volumes under the title of 'Mémoires de Thérapeutique Appliquée.' Paris, 8vo. They contain papers by the most eminent French therapeutists of the day. These, as well as the journal itself, constituté a highly important record of the progress of therapeutics in France and other continental countries.

BULLETINS ET MÉMOIRES DE LA SOCIÉTÉ DE THÉRAPEUTIQUE. Commenced 1870, continuing 1875. Paris, 8vo.

JOURNAL DES CONNAISSANCES MÉDICALES PRATIQUES, REVUE DE PATHOLOGIE ET DE THÉRAPEUTIQUE, &c. Paris, issued monthly.

JOURNAL DE THÉRAPEUTIQUE. Publié par A. Gubler, avec la collaboration de A. Bordier et A. Labbée. Paris, commenced Jan. 10, 1874, fortnightly.

LE MONITEUR THÉRAPEUTIQUE: recueil mensuel des médications nouvelles. Commenced 1874. Paris, 8vo.

REVUE DE THÉRAPEUTIQUE MÉDICO-CHIRURGICALE, accompagnée de nombreuses figures sur bois intercalées dans le texte. Paris, 8vo, issued bi-monthly. Founded in 1853, taking the place of *Journal des Connaissances Médico-Chirurgicales* 1833-52.

BELGIUM.

ARCHIVES BELGES DE THÉRAPEUTIQUE. Revue mensuelle des Médications par Dr. E. Deghilage. Commenced 1875. Mons.

GERMANY.

ARCHIV FÜR DIE PATHOLOGIE UND THERAPIE. Herausgegeben von Gust. Zimmermann. 1851-5. Berlin.

MAGAZIN FÜR SPECIELLE THERAPIE. Herausgegeben von A. F. Marcus. 1802-8. Jena.

ZEITSCHRIFT FÜR THERAPIE UND PHARMAKODYNAMIK. Herausgegeben von L. A. Szerlecki. 1844. Freibourg.

ITALY.

JOURNAL POUR SERVIR AUX PROGRÈS DE LA THÉRAPEUTIQUE. Edit. Buffalini. Venice, monthly, commenced January, 1838.

ALMANACCO DI TERAPIA PER L'ANNO 1873. Edit. C. Ciattaglia. Rome, 1872, continued annually.

AMERICA.

NEW REMEDIES, A QUARTERLY RETROSPECT OF THERAPEUTICS, PHARMACY, AND ALLIED SUBJECTS. Commenced 1871. Edited by Horatio C. Wood, junr. New York.

Contains a great deal of useful information.—*Lancet*, March 2, 1872, p. 295.

A YEAR-BOOK OF THERAPEUTICS AND PHARMACY AND ALLIED SCIENCES, 1872. Edited by Horatio C. Wood.

New York.

This is apparently a continuation of the preceding quarterly retrospect.

ENGLAND.

THE PRACTITIONER, A MONTHLY JOURNAL OF THERAPEUTICS. Commenced in 1868 under the editorship of Drs. F. E. Anstie and H. Lawson. London.

After the decease of Dr. Anstie in 1874 the editorship devolved on Dr. Lauder Brunton, who continues its issue to the present time.

A first-class journal, which has contributed materially to the advancement of scientific and practical therapeutics in British practice.

MEDICINES: THEIR USES, PROPERTIES, AND MODUS OPERANDI.

1477. MACER, E. De virtutibus herbarum. Neapoli, 4to? Editio princeps.

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This work passed through several subsequent editions, of which a full account is given in Pritzel's 'Thesaurus Literaturæ Botanicæ.'

1481. DONDIS, J. DE. Promtuarium Medicinæ, in quo facultates medicamentorum simplicium et compositorum declarantur, cuivis que morbo medicamenta sint accommodata ex veteribus medicis copiosissime monstratur. Venetiis, folio. Alt. ed. ibid. 1543, 1576, folio. *Bibl. Med. Soc. Lond.* (*sub nom.* Dondus, 1543).

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1531. GNEFIT-ALBEN, seu ABHEN GNEFIT (Arab.). De virtutibus medicamentorum et Ciborum. Latin transl. from the Arabic by Gerhardus Cremonensis. Argentorati, folio. Ed. alt. Strasbourg, 1537, folio, &c.

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1551. MONTANUS, J. B. De differentiis medicamentorum et causis diversarum virium ac facultatum in medicamentis. Wittebergæ, 8vo.

De modo, quo medicamentorum facultates per experimenta deteguntur; de nonnullorum medicamentorum facultatibus subtiliter disputat.—*Haller, Bibl. Bot.*, i, p. 307.

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1579. LANGHAM, W. The Garden of Health: containing the virtues and properties of all kinds of simples and plants. London, 4to, pp. 702; idem, London, 1633. *Bibl. Banks.*

1593. CÆSALPINUS ARETINUS, A. Quæstiones Peripateticæ . . . . et de medicamentorum facultatibus. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*

Short abstract in *Haller, Bibl. Med. Pract.*, ii, p. 181-2.

1610. HOLLYNG, E. Medicamentorum œconomia nova. Ingoldstadii, 12mo. *Bibl. Med.-Chir. Soc.*

1610. SEIDEL, J. Theses de causis, speciebus . . . . et facultatibus Plantarum. Gryphiswaldiæ, 4to.

1618. HARTUNG, —. De simplicium medicamentorum facultatibus. Lipsiæ, 4to.

1621. CASTELLI (CASTELLUS), P. Discorso della duratione de medicamenti. Roma, 4to. *Bibl. Med.-Chir. Soc.*

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For an account of this work and a sketch of its contents see 'Year Book of Pharmacy,' part ii, p. 97.

1674-5. WILLIS, T. Pharmaceutice Rationalis; sive Diatriba de medicamentorum operationibus in corpore humano. Oxon. vols. 2, 8vo; idem, Oxon. 1678, 8vo; Haag, 1675, 12mo. English transl. by D. Portage, London, 1683, folio.
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1678. WEDEL, G. W. De medicamentorum facultatibus cognoscendis et applicandis. Jenæ, 4to; ibid. 1666, 8vo.
Bibl. Med. Soc. Lond.

Ex septem disputationibus natum opus. Habet generalia de cognoscendis plantarum viribus, de qualitatibus primis, secundis, tertiis et quartis, de plantis, quæ eas qualitates possident, de medicamentis purgantibus securioribus, aliisque.—*Haller, Bibl. Bot.*, i, p. 557.

1688. WAGNER, G. F. *De natura et virtutibus plantarum in genere. Resp. F. B. Hillius. Regiomonti, 4to, 2 plates.

1689. PINKER, C. F. *De dubio medicamentorum effectu. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.*

1690. BLANKAART, S. Verhandeling van de operatien ofte werkingen der Medicamenten in 's menschen lighaam. Amst. 8vo.
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1691. LANGEWAGEN, —. *De medicamentorum operatione in genere. Lugd. Bat. 4to.

1695. TAUVRY, D. Traité des Médicamens et de la manière de s'en servir pour la guérison des maladies. Paris, 8vo.
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1695. BELOW, J. F. *De Natura, Arte et Remediis in morborum curatione necessariis. Resp. M. Ribe. Upsaliæ, 4to, pp. 48.

1701. PAXTON, P. Essay concerning the body of Man and the operations of medicines. London, 8vo.
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1703. BROEN, J. Opera Medica . . . de operationibus medicamentorum. Rotterodam. 4to. *Bibl. Med.-Chir. Soc.*

1711. BOERHAAVE, H. De viribus medicamentorum prælectiones. Paris, 12mo.
Bibl. Med.-Chir. Soc. (ed. 1726); *Coll. Phys. Edin.* (ed. 1727); *Acad. Edin.* (ed. 1740).

This work was formerly held in high esteem and went through a large number of editions, as well as translations into English, French, &c.

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1720. KAULITZ, A. C. De medicamentorum modo operandi. Hal. Mag. 4to. *Bibl. Med. Soc. Lond.*

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1723. ROSSI, J. De interpretandis simplicium medicamentorum facultatibus. Patavii, 4to.

1729. STROTHER, E. Materia Medica, or Description of the virtues and effects of all drugs or simple medicines. (Translated from the work of P. Harman.) London, 2 vols. 8vo, ibid. 1732. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.* (ed. 1732).

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A work of great research and value, embodying all that had been recorded by trustworthy observers up to the date of its publication. The references, which are very numerous, are perfectly reliable, as far as they have been examined, and the work may be referred to with confidence as containing a faithful transcript of the views of the writers of the eighteenth and preceding century on the therapeutic uses and *modus operandi* of articles of the materia medica.

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1797. VETTER, F. G. *De remediorum viribus et usu salubriter limitandis in corpore hominum ægrotorum arte mutando. Præs. J. G. Haas. Lipsiæ, 4to, pp. 37.

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1804. JUGLAR, J. Tableau analytique de Matière Médicale, ou choix des médicamens classés, et leurs propriétés physico-chimiques. Paris, 8vo.

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The basis of the homœopathic system. However much one may be inclined to differ from the inferences or conclusions drawn by the author from his facts, all must admire the zeal and labour bestowed by Hahnemann in his investigations as set forth in this work.

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applicata ingressus in systema vasorum sanguiferorum aut concessus a natura aut negatus est. Gottingæ, 4to.
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1816. SCHLAEPFER, J. G. *Experimenta de effectu liquidorum quorundam medicamentosorum ad vias aëriferas applicatorum in corpus animale. Præs. H. F. Autenrieth. Tubingæ.

1818. DAGONET, G. *Action immédiate des divers agens thérapeutiques. Paris, 4to.

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A remarkable book, not only for the value of its contents, but for the circumstances under which it was produced. With the view of ascertaining with accuracy the operation of certain remedies on the human frame Professor Jörg established a society of twenty-seven members of various ages and both sexes, who voluntarily submitted themselves to a series of experiments, the effects produced in each instance being carefully recorded at the time. Every care was taken to ensure the correctness of the experiments, and hence the results have a proportionate importance. The articles experimented with were nitre, cherry laurel water, water of bitter almonds, valerian, serpentaria, flowers and root of arnica montana, camphor, musk, castor, St. Ignatius's bean, assafœtida, opium, digitalis, and tincture of iodine. The series of experiments with each of these articles is first given in detail, and is followed by a summary of the general results derived from them drawn up by Prof. Jörg. For an abstract of the important results see *Amer. Journ. Med. Sci.*, 1832, p. 141 *seq.*, and *Edin. Med. Surg. Journ.*, xxxvi, 1831, p. 451 *seq.*

1829. SCHECHNER, J. *De efficientia Medicaminum in corpore humano ægrotante. Passaviæ, 8vo, pp. 34.

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An extremely judicious essay upon a highly interesting subject. For a detail of the general conclusions arrived at by Dr. Rufz see *American Journ. Med. Sci.*, xvii, 1835, p. 152.

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1839. GUERARD, A. *Des indications que la Thérapeutique peut tirer de l'action physiologique des Médicaments. Paris, 4to.

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1842. CHRISTISON, Sir R. A Dispensatory, or Commentary on the Pharmacopœias of Great Britain; comprising the natural history . . . actions, uses, and doses of articles of the Materia Medica. Edinb. 8vo, pp. 978. Second ed. ibid. 1848, pp. 1004. American ed. by Dr. Griffith, Philadelphia, 8vo, 1848.

A commentary, historical, chemical, pharmacological, and therapeutic, on the three British Pharmacopœias, arranged on such a plan and in such a manner as to form a useful and comprehensive system of pharmacy and materia medica. . . . Regarding the mode and style of description of the

various articles, they are exactly what they ought to be in a didactic treatise designed for general use and speedy reference—minute, accurate, and precise, without being tedious; short and pointed, yet always perfectly sufficient, and throughout instructive and interesting.—*Edinburgh Med. Surg. Journ.*, April, 1842, p. 504-6.

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1844. NELIGAN, J. M. Medicines: their Uses and Mode of Administration, &c. Dublin, 8vo; third ed. 1851; fourth ed. 1854; fifth ed. 1858; sixth ed. by R. Macnamara, ibid. 1864. American ed. by Dr. D. M. Reese, Philad. 1856, 8vo.

This work is "intended as one of reference for the practitioner and as an outline of Materia Medica for the student." The author has adopted a physiological classification, and he has endeavoured to furnish a concise view but as complete as possible of each article, giving—1, the officinal and common English names; 2, physical properties; 3, chemical properties; 4, mode of preparation; 5, adulterations; 6, therapeutic effects and uses; 7, dose and mode of administration; 8, incompatibles; 9, in the case of poisons, the antidotes and mode of treatment. On each of these points the information is full and the remarks judicious.

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In estimating the therapeutic efficacy of various new medicines Dr. Nevins has endeavoured to avoid excessive credulousness in the statements of professed advocates of remedies, and that degree of distrust which sometimes proceeds to scepticism. The work is in this respect a good example of sober and temperate judgement.—*Edin. Med. Surg. Journ.*, vol. lxxvi, p. 449.

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This is a prize essay, having been awarded the Fothergillian Gold Medal by the Medical Society of London for 1852. The later editions are a great improvement on the original essay. It contains much that is admirable, much that is sound and practical, with a good deal of theory about "vital action" which is objectionable.—*Brit. and For. Med.-Chir. Rev.*, July, 1869, p. 13.

1853. DUMÉRIL, A., DEMARQUAY, et LECOINTE, MM. Des modifications de la Température animale sous l'influence des médicaments; recherches expérimentales suivies d'applications à la pathologie et à la thérapeutique. Paris, 8vo.

1853. GARMS, A. Eröffnung eines neuen Weges zur sichern Indication der Arzneimittel. Leipzig, 8vo. *Bibl. Med.-Chir. Soc.*

1857. BERNARD, CLAUDE. Leçons sur les effets des substances toxiques et médicamenteuses. Paris, 8vo, figs.

1858. STENBERG, S. Om intagna Läkemedels afsöndring utur Organismen. (On the elimination of internal medicines from the system.) (In Swedish.) Upsalæ, 8vo, pp. 88.

The author considers medicines, with reference to their elimination, under two heads—1, organic; and 2, inorganic. The number of articles thus considered are very numerous, and Dr. Stenberg has with great industry brought into the form of a useful compendium the results of the labours of the distinguished investigators in the several countries of Europe who have written on the subject of his work.—*Dublin Quart. Journ. Med. Sci.*, May, 1859, p. 386.

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1861. O'REILLY, J. What is the Opus Operandi of Medicine? New York, pamphlet.

1863. LE THIÈRE, G. Effet moral sur les malades du dynamisme médicamenteux, et moyen d'augmenter cette puissance de l'Opium contre la congestion cérébrale, &c. Paris, 8vo. pp. 40.

1863. MOEHRLEN, J. P. *Comparaison des Médicaments et de leurs principes actifs. Strasbourg, 4to, pp. 41.

1866. BARTRUM, J. S. Are Drugs of use in the treatment of disease? Address to the British Med. Association. London, 12mo. *Bibl. Med.-Chir. Soc.*

1866. SHARP, W. The Physiological Action of Medicines. London, 8vo. *Bibl. Coll. Phys. Edin.*

1868. GUBLER, A. Commentaires Thérapeutiques. *Vide* "Therapeutics (General)," 1868.

1868. MADAN, PÁL. Nighant Bhâshâ. Names of medicinal substances and their properties according to the Hindi system of medicine. Delhi, 8vo, pp. 168.

1868-9. FRASER, T. R., et BROWN, A. CRUM. On the connection between Chemical Constitution and Physiological Action. (Ex *Trans. Royal Soc. Edin.*) 2 parts, 4to, Edinburgh. *Bibl. Med.-Chir. Soc.*

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A philosophical and suggestive paper.—*Dublin Quart. Med. Journ.*, vol. li, pp. 354.

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As a manual for students it is clear and singularly concise, and it achieves this conciseness in the best manner by omitting large portions of the merely botanical and chemical sections and giving due prominence to the action of the various medicines upon the organism.—*Practitioner*, April, 1870, p. 232.

1871. RUSPINI, G. Manuale eclettico di Rimedi Nuovi (seventh ed.). Bergamo, 16mo, pp. 778.

A useful and trustworthy work, resembling in its general character that of Neligan more than any other that we have in our own language. As a practical manual, it is very creditable to the state of Italian therapeutics. —*Practitioner*, June, 1872, p. 366-71.

1872. AMIARD-FORTINIÈRE, T. *Étude sur l'Antagonisme de diverses substances toxiques et médicamenteuses. Paris, 4to.

1873. BORDIER, —. De l'élimination des Médicaments. (Ex *Répertoire de Pharm.*, 1873.) Paris, 8vo, pp. 12.

The leading arguments of this interesting paper are reproduced in *Dublin Journ. Med. Sci.*, August, 1874, p. 150 *seq.*

1873. SÉVE, T. *Étude sur les variations de la température animale sous l'influence de certaines substances médicamenteuses. Paris, 4to.

1874. BURNESS, A. G., et MAVOR, F. J. The Specific Action of Drugs on the Healthy System; an index to their therapeutic value as deduced from experiments on men and animals. London, 8vo, pp. 184.

The professed object of this work is to determine the true therapeutic value of each drug by noting its physiological action on the healthy system. It is not too much to say that this object, as far as this work is concerned, has not been attained in a single instance. The experiments are detailed in so loose a manner, and the cases, especially those on man, so vaguely described, that no legitimate conclusions could possibly be drawn from them. This is the more to be regretted as so much real progress in therapeutic knowledge might be attained by the combined observations of an intelligent physician like Dr. Burness and an able veterinarian like Mr. Mavor.

1874. FESTLER, F. S. Sopra le azioni dei Rimedi interpretati con fatti fisico-chimici, &c. (*Vide* "Quinine.") Padova, 8vo, pp. 42.

1875. BRUNTON, T. L. Experimental Investigation of the Action of Medicines. Reprinted from the *British Med. Journal*. London, 8vo, pp. 92.

An able essay, containing much interesting and suggestive matter relating to the *modus operandi* of various remedies.

1875. DEBOVE, G. M. L'action physiologique des Médicaments peut-elle devenir la règle de leur emploi thérapeutique? Paris, 8vo, pp. 80.

1875. HECKEL, —. Histoire médicale et pharmaceutique des principaux agents médicamenteux introduits en Thérapeutique depuis ces dix dernières années. Brussels, 8vo, pp. 182.

1875. HECKEL, —. Suite et complément de l'ouvrage du Dr. Guibert: Histoire naturelle et médicale des nouveaux médicaments introduits en Thérapeutique de 1830 à 1865. Paris, 8vo, pp. 681.

1875. BENNETT, J. HUGHES. Researches into the Antagonism of Medicines, being the Report of the Edinburgh Committee of the British Medical Association. London, 8vo, pp. 100.

This work, the last which bears the honoured name of John Hughes Bennett, is a most valuable contribution to the "advancement of therapeutics." The investigation (conducted chiefly by Dr. M'Kendrick), which lasted over four years, extends to the antagonistic properties of the following:—1. Hydrate of chloral and strychnia. 2. Sulphate of atropia and Calabar bean. 3. Hydrate of chloral and Calabar bean. 4. Hydrochlorate and meconate of morphia and Calabar bean. 5. Sulphate of atropia and meconate of morphia. 6. Meconate of morphia and theine. 7. Ditto and caffeine. 8. Ditto and guaranine. 9. Ditto and infusion of tea. 10. Ditto and infusion of coffee. 11. Extract of Calabar bean and strychnia. 12. Hydrate of bromal and atropia.—*Edinburgh Med. Journal*, March, 1876, p. 838. The whole research is of great value, and well worthy of careful study by all medical men, in order that they may be acquainted with the limitations which exist to the antagonistic powers of which it treats, lest perchance in a case of poisoning they may render their patient's fate more certain by the very means they employ to avert it.—*Practitioner*, Oct., 1875, p. 363.

MEDICINES: METHODS OF INVESTIGATING.

1559. MARANTA, B. Methodi cognoscendorum simplicium libri iij. Venetiis, 4to, pp. 296. Reprinted anonymously, under the title of 'Novum Herbarium sive Methodus,' &c. Venetiis, 1571, 4to, pp. 296. *Bibl. Coll. Phys. Lond.; Coll. Phys. Edin.*

Dioscoridis magnus admirator, ejus placita accurate tenebat. Sed etiam naturam consuluit, interspergit aliquas suas adnotationes de cytiso, &c. Errores aliquos veterum refutavit.—*Vide Haller, Bibl. Bot.*, i, p. 323.

1669. GRUBE, H. Comment. de modo simplicium medicamentorum facultates cognoscendi, cui præfixa Thomæ Bartholini epistola de simplicibus medicamentis inquilinis cognoscendis. Hafniæ et Francof. 8vo. *Bibl. Coll. Phys. Lond.*

Eas facultates et colore et signaturis non innotescere, sed ex odore, sapore, experimento vel casu nato, vel de industria facto. Contra nimias aliquas vires quæ nonnullis medicamentis imputantur. Generalia fere, et absque proprio experimento.—*Haller, Bibl. Bot.*, i, p. 524.

1670. RIVINUS, Q. S. F. *Questio phytologica, an plantarum vires ex figura et colore cognosci possint? Resp. A. Q. Rivinus. Lipsiæ, 4to, tab. 2. *Bibl. Banks.*

1675. WEDEL, G. W. De medicamentorum facultatibus cognoscendis et applicandis. Jenæ, 4to; ibid. 1685, 8vo. *Bibl. Med. Chir. Soc.; Coll. Phys. Edin.; Coll. Phys. Lond.*

Abstract in *Haller, Bibl. Med. Pract.*, iii, p. 213.

1685. ABERCROMBIE, D. Nova Medicinæ clavis; ars explorandi medicas corporum facultates ex solo sapore. London, 8vo. *Bibl. Radcliffe; Coll. Surg. Lond.*

Cuique sapori suas adsignat vires medicatas. Deinde ut ex saporibus de viribus medicamentorum judicetur.—*Haller, Bibl. Med. Pract.*, iii, p. 619.

1685. CRAVELLUS, G. E. Exercitatio de cognoscendis medicamentorum facultatibus. Helmst. 4to. *Bibl. Coll. Phys. Lond.*

1687. FLOYER, SIR J. Φαρμακο-βασανος, or the Touchstone of Medicines, discovering the virtues of vegetables, minerals and animals, by their tastes and smells. London, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

The scope and object of this work is fully set forth in the title. Whilst it is impossible not to admire the perseverance of the author, who was evidently actuated by great honesty of purpose as well as enthusiasm, it is sad to reflect that his arduous and disagreeable labours should have terminated in results equally unsatisfactory and inconclusive as far as any practical benefit is concerned. He makes no allowance for the differences which exist between individual *tastes*, and he is unduly hard upon those physicians who "cause their patients to swallow what they dare not taste themselves"!

1692. VATER, C. Programma ad plantarum lustrationes. Wurtembergæ, 4to. *Bibl. Banks.*

1699. CAMERARIUS, R. J. De convenientia Plantarum in fructificatione et viribus. Resp. G. F. Gmelin. Tubingæ, 4to, pp. 16. *Bibl. Banks.*

Camerarius was the first medical naturalist who affirmed that plants coinciding in their exterior forms were allied in their medicinal properties.—Dr. Grateloup in *Lond. Med. Bot. Trans.*, 1828, p. 31.

1703. HOFFMANN, F. *De prudenti virium medicamenti exploratione. Resp. N. Martini. Halæ, 4to, pp. 48. *Bibl. Med. Soc. Lond.* (*sub nom.* Martini).

1721. HOFFMANN, F., et BUXBAUM, J. C. De methodo compendiosa plantarum vires indagandi. Halæ, 8vo. *Bibl. Banks.*

Huc refert vires plantarum classicas, aroma verticillatarum, saporem, odorem. Inde amara, stomachica, antifebrilia. Aquaticas omnes acres esse, et causticas in siccis arenosis provenire.—*Haller, Bibl. Med. Pract.*, iii, p. 565.

1730. HEBENSTREIT, J. E. *De sensu externo facultatum in plantis judice. Resp. C. G. Ludwig. Lipsiæ, 4to, pp. 44. *Bibl. Banks.*

1734. THOMSON, G. A short method of discovering the Virtues of Plants. London, 8vo.

Per sapores, odores, similitudinem characteris; ex Hoffmanni ejusdem sensus dissertatione.—*Haller, Bibl. Bot.*, ii, p. 276.

1742. GLEDITSCH, J. G. *De methodo botanica dubio et fallaci virtutum in plantis indice. Francof. ad Viad, 4to, pp. 48. Second ed. Lipsiæ, 1742. *Bibl. Banks.*

Adverse to the theory of analogy between the external forms and medicinal properties of plants.

1747. LINNÆUS, C. *Vires Plantarum. Resp. F. Hasselquist. Upsaliæ, 4to, pp. 37; idem in *Amœn. Acad.*, i, p. 389. *Bibl. Lin. Soc.*

Linnæus in this essay maintains that plants of the same genus possess similar properties, that those of the same order have neighbouring properties, and that those of the same class even have analogies in their properties. Jussieu adopted the same opinion, which he expressed in an excellent essay (*Mém. Acad. Roy. de Méd. de Paris*, 1786, vol. viii, p. 188). But no naturalist has carried the development of this theory so far and in so luminous a style as De Candolle (*infrà*). (Dr. Grateloup, *op. cit.*)

1747. BLOT, N. S. Quæstio botanico-medica, An ut naturali cuique plantarum classi idem vegetativus character, sic eadem medica facultas? Cadomi, 4to, pp. 6.

1750. HEBENSTREIT, J. E. Programma de cognoscendis medicamentorum facultatibus, &c. Lipsiæ, 4to.

1751. LINNÆUS, C. *Sapor Medicamentorum. Resp. J. Rudberg. Upsaliæ, 8vo, pp. 20; idem in *Amœn. Acad.*, ii, p. 335. *Bibl. Banks.*

After defining tastes, and arranging them into classes, lists of drugs are given belonging to each class, and an attempt made to trace a connection between their tastes and their properties. More curious than useful.

1752. LINNÆUS, C. *Odores Medicamentorum. Resp. A. Wåhlin. Upsaliæ, 4to; idem in *Amœn. Acad.*, iv, p. 183.

An attempt to trace a connection between the odours of drugs and their medical properties.

1753. BÜCHNER, A. E. Cautelæ quædam circa chemicam remediorum explorationem observandæ. Halæ, 4to.

1754. LINNÆUS, C. *De methodo investigandi vires medicamentorum chemica. Resp. L. Hiortzberg. Upsaliæ, 4to, pp. 16; idem in *Amœn. Acad.*, ix, 23. *Bibl. Lin. Soc.; Banks.*

Advocates chemical analysis as the surest mode of ascertaining the properties of drugs, and furnishes certain directions for carrying this out, but these are now antiquated and obsolete.

1755. GMELIN, P. F. Botanica et chemia ad medicam applicata praxin per illustria quædam exempla. Tubingæ, 4to, pp. 30.

Vide, "Isenflamm," 1764.

1757. MONTE PIGATI, J. A. DE. Nova ad praxin medicam, præcipue utilissima botanices rudimenta. Patavii, 4to. *Bibl. Banks.*

1762-3. PLAZ, W. A. De plantarum virtutibus ex ipsarum charactere botanico haud cognoscendis. Prolusio i-iii, 4to, pp. 12, 16. *Bibl. Radcliffe.*

Written with the view of disproving the alleged analogy between the external forms and medicinal virtues of plants.

1764. WITTE, G. C. *De analysi medicamentorum simplicium chemica ad virtutes ipsorum determinandas hactenus perperam adhibita. Præs. R. A. Vogel. Gottingæ, 4to.

1764. ISENFLAMM, J. F. *Methodus plantarum medicinæ clinicæ adminiculum. Erlangæ, 4to, pp. 42. *Bibl. Banks.*

Isenflamm, Wilcke (1764), and Gmelin (1755), affirmed that the virtues of plants might be known by comparing their exterior forms, or in taking

for guides the natural and proper characters of each family (Grateloup, *op. cit.*).

1764. WILCKE, H. C. D. *De usu systematis sexualis in medicina. Resp. H. A. Rosenthal. Gryphiswaldiæ, 4to, pp. 20. *Bibl. Banks.*

1765. BUECHNER, A. E. De viribus medicamentorum explorandis. Halæ, 4to.

1770. NICOLAI, E. A. Programma ii de viribus medicamentorum explorandis. Jenæ, 4to, pp. 8. *Bibl. Banks.*

1774. ELSNER, C. F. Diss. analecta de methodis determinandi medicamentorum virtutes. Kœnigsbergæ, 4to.

1782. WILLEMET, P. R. F. DE PAULE. *An vires plantarum ex characteribus botanicis sunt inferendæ. Nancy, 4to, pp. 4.

1784. ANON. A short attempt to recommend the study of Botanic Analogy in investigating the properties of Medicines from the Vegetable Kingdom. London, 8vo, pp. 101. *Bibl. Banks.*

1785. FOURCROY, A. F. L'Art de connoitre et d'employer les Médicamens. Paris, 2 vols. 12mo. *Bibl. Med. Chir.-Soc.; Coll. Phys. Edin.*

1789. FRANK, J. P. Oratio de viribus corporum medicis æquiori modo determinandis. Ticini, 4to.

1790. KÖHLER, L. H. *Effectus medicamentorum per vires vitales corporis humani determinari. Præs. P. J. Hartmann. Traject. ad Viad. 4to, pp. 16.

1793. DROOP, J. D. *Diss. sistens veram in medicamentorum vires inquirendi rationem. Gottingæ, 4to, pp. 28.

1794. HERHOLDT, J. D. Comment. de quæstione medica: num vires medicamentorum (plantarum *e.g.*) officinalium, aut chymica analysi, aut sensum ope, aut consideratione similitudinis in partibus essentialibus rectius cognoscuntur? Havniæ, 8vo, pp. 48.

To this essay was awarded a prize in 1792 by the University of Copenhagen.

1794. MODÉER, A. Tal, om nagra ämnen, &c. Stockholm, 8vo, pp. 18. German transl. by C. G. Groening, Leipzig, 8vo, 1796.

1796. VROLIK, G. Diss. sistens obs. de defoliatione vegetabilium, nec non de viribus plantarum ex principiis botanicis dijudicandis. Lugd. Bat. 8vo, pp. 66.

1797. WEBER, G. P. *De methodo determinandi medicamentorum vires, &c. Erfordiæ, 4to.

1797. JUCKER, S. *Sciagraphia methodi Materiæ Medicæ qualitatum æstimationi superstructæ. Præs. G. C. Storr. Tubingæ, 8vo, pp. 62.

1798. GEISLER, A. F. *De difficultatibus vires medicaminum rite determinandi. Francof. ad Viad. 4to.

1804. De Candolle, A. P. *Essai sur les propriétés médicales des Plantes comparées avec leurs formes extérieures et leur classification naturelle. Paris, 4to, pp. 148; second ed. Paris, 1816, 8vo. German transl. by C. J. Perleb, Aarau, 1818, 8vo, pp. 450. *Bibl. Med.-Chir. Soc.*

The object of this work is to demonstrate by proofs derived from theory, observation, and experience, that there exists an analogy between the medical properties of each family and the exterior forms of plants.

1813. Della Decima, A. De facultatibus remediorum rectè investigandis. Venetiis, 8vo.

1823. Maly, J. C. * De analogis plantarum affinium viribus. Pragæ, 8vo, pp. 50.

1823. Buffalini, M. De medicamentorum virtutibus recte dijudicandis. Picini, 8vo.

1824. Trinks, C. F. G. *De primariis quibusdam in medicamentorum viribus recte æstimandis dijudicandisque impedimentis ac difficultatibus. Lipsiæ, 4to, pp. 26.

1824. Savatier, C. *Moyens de déterminer le mode d'action des Médicamens. Paris, 4to.

1825. Bunge, A. von. *De relatione methodi plantarum naturalis in vires vegetabilium medicinales. Dorpati, 8vo.

1826. Kieseritzky, G. W. De ratione quæ inter systema plantarum naturale earumque vires medicinales obtinet. Rigæ, 8vo, pp. 59.

1828. Osborne, J. On the indications afforded by the sensible qualities of Plants with respect to their Medical Properties. London, 8vo.

The author's object is an attempt to ascertain the medical properties of vegetable substances from their sensible qualities, those of taste and smell more particularly. His key-note is "that vegetable productions which act on one function of the body have also a corresponding effect on some other function of the same animal. Substances which are rubefacient externally are stimulant when taken internally. Emetics when they pass the stomach are purgative. Substances which when applied to the eye cause dilatation of the pupil, when taken internally prove to be narcotic. If this be true in those instances it will not appear improbable that their effect on the interior functions of the body may be accomplished by corresponding effects on the more delicate organs of sense, especially on those of taste and smell." On these premises Dr. Osborne founds a system which is ingenious, but fallacious. (See *London Med. Gazette*, May 31st, 1828, pp. 797 *et seq.*)

1829. Backer, G. De radicum plantarum physiologia, earumque virtutibus medicis plantarum physiologiam illustrandis. Amstelodami, 8vo, pp. 108.

1829. Kymmell, D. L. J. *De viribus remediorum explorandis. Groningæ, 8vo, pp. 38.

1831. Dierbach, J. H. Abhandlung über die Arzneikräfte der Pflanzen, &c. Lemgo, 8vo, pp. 392.

1831. Lehmann, C. H. *De convenientia plantarum in habitu et viribus. Vratislaviæ, 8vo, pp. 46.

1834. WAHLENBERG, G. Om mögligheten att, enligt vegetabiliernas naturliga analogier, a priori bestämma deras egenskaper och verkningar på menskliga organismen.
Upsaliæ, 8vo, pp. 31.

1839. CAZENAVE, L. A. *De l'application des divers moyens qui peuvent être employés pour connaître les propriétés des Médicaments. Paris, 4to.

1850. BRÜCKNER, A. De relationibus et analogia formam inter et vires plantarum medicas. Vratislaviæ, 8vo, pp. 40.

MEDICINES: THE ART OF PRESCRIBING.

1541. SYLVIUS, J. Methodus Medicamenta componendi. Lut. Par. folio. Alt. ed. Paris, 1854, folio; Lyon, 1548, 1555, 12mo; Venet. 1556, 8vo. *Bibl. Coll. Phys. Edin; Acad. Edin.*

1557. DELPHINUS, J. De ratione medicamentorum præscribendorum liber. Venetiis, 4to. *Bibl. Coll. Surg. Lond.*

1630. MORELLUS, P. Methodus Præscribendi. Basiliæ, 8vo. Alt. ed. Geneva, 1639, 8vo; Lipsiæ, 1645, 8vo; Patav. 1647, 12mo; Rouen, 1650, 12mo; Lyon, 1657, 12mo; Amsterdam, 1659, 1665, et 1680, 12mo.
Bibl. Acad. Edin. (1659); *Med.-Chir. Soc.* (1680); *Radcliffe* (id.); *Coll. Surg. Lond.* (ed. 1650, 1680).

Short abstract in *Haller, Bibl. Med. Pract.*, ii, p. 562.

1640. DU BOYS, J. Methodus miscendi et conficiendi Medicamenta. Hag. Com. 18mo. *Bibl. Med. Soc. Lond.*

1646. MYNSICHT, H. à. Thesaurus medico-chymicus hoc est selectissimorum pharmacorum conficiendorum ratio. Lubec, 4to.
Bibl. Coll. Surg. Lond.

1672. SCHENKIUS, J. T. Syntagma componendi et præscribendi medicamenta. Jenæ et Lipsiæ, 4to.

1678. WEDEL, G. W. De medicamentorum compositione extemporanea. Jenæ, 4to; ibid. 1691, 4to.

Formularum medicarum scribendarum artem tradit.—*Haller, Bibl. Bot.*, i, p. 558.

1682. WIEDEMANN, G. M. Idea Præscribendarum Formularum. Præs. M. Ettmuller. Lipsiæ, 4to.

Integer tractatus: in elegantia formularum noster cum Wedelio excelluit. —*Haller, Bibl. Pract. Med.*, iii, p. 175.

1685. VESTI, J. *De medicamentorum formulis conscribendis.
Erfordii, 4to.

1701. FULLER, T. Pharmacopœia Extemporanea, sive ars præscribendi formulas. London, 12mo; ibid. 1701, 8vo; Rotterdam, 1709, 8vo; Amsterdam, 1817, 8vo. English transl. under title 'Body of Prescriptions,' London, 1710, 1719, 1730, sixth ed.

1731, 8vo. French transl. by T. Baron, Paris, 1768. German transl. Basil, 1750, 8vo. *Bibl. Med. Soc. Lond.; Med.-Chir. Soc.*

1708. OVERBECK, J. H. *De methodo succincta Præscribendi formulas. Hardev. 4to. *Bibl. Roy.*

1710. WALDSCHMIDT, W. U. De erroribus in formulis præscribendis. Kiloniæ, 4to.

1712. HELWIG, C. Regulæ de formulis medicamentorum præscribendis. Erfordii, 4to.

1716. PITCAIRN, A. Methodus prescribendi formulas secundum Pitcairnium. London, 12mo.

1723. JUNCKER, J. Conspectus formularum, &c. Halæ, 4to. Ed. Alt. ibid. 1730, 1739, et 1753.

1726. ALBERTI, M. *Isagoge formulas medicamentosas artificiosa methodo conscribendi. Halæ, 4to. *Bibl. Roy.*

1739. GAUBIUS, H. D. Libellus (sive methodus) de methodo concinnandi formulas medicamentorum. Lugd. Bat. 8vo; Francfort, 1750; Lugd. Bat. 1752; Bâle, 1782; Lyons, 1786. English transl. under the title of 'A Complete Extemporaneous Dispensatory, or the Method of Prescribing,' London, 1741. French transl. Paris, 1749, 12mo. Reprinted also in French by Fourcroy, art. "Formule," in *Encyclop. Méthodique* (Médecine, vi, p. 456). *Bibl. Med.-Chir. Soc.* (ed. 1742); *Coll. Phys. Edin.* (ibid.); *Coll. Surg. Lond.* (ed. 1739).

Much has been said as to the rules for giving medicines, but we have seen in no modern book, advice superior to that given by old-fashioned Gaubius in his work on "Prescribing." Many men would do well to read his aphorisms now.—*Brit. and For. Med.-Chir. Rev.*, July, 1869, p. 22.

1746. SCHULZE, J. L. Libellus de formulis præscribendis, &c. Halæ, 8vo. *Bibl. Roy.*

1747. NICOLAUS, E. A. Methodus concinnandi formulas medicamentorum. Halæ, 8vo. *Bibl. Med. Soc. Lond.*

1754. HARTMANN, F. X. Formulæ remediorum medicorum, &c. Francf. ad Viad. 4to. *Bibl. Roy.*

1754. SMITH, H. *Specimen de concinnandi formulis. Lugd. Bat. 4to. *Bibl. Roy.*

1754. EBERHARD, J. P. Methodus conscribendi formulas medicas. Halæ, 12mo. *Bibl. Med. Soc. Edin.*

1758. LUDWIG, C. T. *De contrariorum compositione. Resp. Bruekner. Lipsiæ, 4to.

1760. SCHAARSCHMIDT, S. A Treatise on the Art of Prescribing (in German). Halæ, 8vo; id. Berlin, 1772. *Bibl. Roy.*

1762. CARTHEUSER, J. F. De vitiosis formularum medicarum præscriptionibus ex ignorantia chimicâ oriundis. Francf.-sur-l'Oder, 4to.

1772. NORTHCOTE, W. Methodus conscribendi formulas medicas. London, 8vo. *Bib. Med. Soc. Edin.; Acad. Edin.*

1778. GRUNER, C. G. Via et ratio formulas conscribendi. Halæ, 8vo. *Bibl. Acad. Edin.*

1785. PICHLER, J. F. C. Methodus formulas medicas conscribendi. Argentorati, 8vo, pp. 119; second ed. ibid. 1789. German transl. Heidelberg, 8vo, 1788. *Bibl. Roy.*

1786. GRUNER, C. G. De damnis ex neglectu studii chemici oriundis, quoad medicamentorum compositionem. Jenæ, 4to.

1786. WENTZKE, J. G. *Cautiones quædam in formulis medicis conscribendis. Præs. P. J. Hartmann. Traject. ad Viad. 4to. *Bibl. Roy.*

1787. ROSEN, N. De erroribus in formulis medicinalibus. Upsaliæ, 4to.

1795. BALTHAZAAR, A. Methodus concinnandi formulas medicinales. Amst., 8vo. *Bibl. Roy.*

1796. BUCHOLZ, C. F. Taschenb. für Aerzte, Physici und Apotheker, zum Gebrauch beim Verordnen und Prüfen der Arzneimittel. Erfurt, 8vo.

1797. STORCH, J. A. G. *Diss. sistens regulas quasdam generaliores in præscriptione formularum medicinalium observandis. Erfordiæ, 4to.

1799. PLENCK, J. J. Elementa pharmaco-catagraphologiæ seu doctrinæ de præscriptione formularum medicinalium. Vienna, 8vo. *Bibl. Roy.*

1802. DUTILLEUL, B. L'art de Formuler. Translated from the German of Trommsdorff. Lille, 12mo. Italian transl. Milan, 8vo, 1803. *Bibl. Coll. Surg. Lond.*

1805. JADELOT, J. F. N. De l'art d'employer les Médicamens, ou du choix des préparations et de la rédaction des formules dans le traitement des maladies. Paris, 12mo, pp. 172.

1806. CHORTET, J. F. Essai sur l'Art de Formuler. Appended to his 'Traité de Pharmacologie.' Paris, 8vo.

1808. SCHMIDT, J. A. Lehrbuch der Methode Arzneyformeln zu schreiben. Vienna, 8vo. Second ed. ibid. 1811.

1811. PLOUCQUET, G. G. Series Formularum medicarum secundum indicationes therapeuticas depositarum. Tubingen, 8vo. *Bibl. Coll. Surg. Lond.*

1812. PARIS, J. A. Pharmacologia, or the History of Medical Substances, with a view to establish the art of prescribing and of composing extemporaneous formula upon fixed and scientific principles. London, 12mo. Second ed. ibid. 8vo, 1812; third ed. ibid. 1820; fourth ed. ibid. 1821? fifth ed. ibid. 2 vols. 8vo, 1822; sixth ed. ibid. 2 vols. 1826? eighth ed. ibid. 1833, 1 vol. 8vo; ninth (last and best) 1 vol. 8vo, Lond. 1843. There are also several American editions. *Bibl. Med-Chir. Soc.*

Many of the chapters contain a considerable amount of irrelevant, or at least very debatable matter; these might, with great advantage to the reader, have been condensed and the rules and principles confined to matters

which were thoroughly established. The work, however, as a whole, is one of great erudition and great ability; it contains a large amount of information, it is elegantly and perspicuously written, and it will form an excellent guide to the practitioner in compounding and prescribing the articles of the materia medica.—*Brit. and For. Med. Rev.*, July, 1843, p. 205.

1813. WENDT. J. De methodo formulas medicas concinnandi. Vratislaviæ, 8vo.

1818. ALIBERT, J. L. L'art de Formuler. Paris, 8vo. Italian transl. Palermo, 1819, 8vo. This is also appended to the author's 'Élémens de Thérapeutique, &c.,' 1802, *q. v.*

1818. DIERBACH, J. H. Grundriss der Receptirkunst, &c. Heidelberg, 8vo.

1821. PRICE, REES. An Epitome of Pharmaceutical Chemistry, whereby the art of prescribing scientifically may be facilitated, and those decompositions avoided which often frustrate the views of the practitioner in their medical effects. London, 8vo, pp. 59.

This little work, a very useful one of its kind, is drawn up in two columns; the left containing the officinal articles (Lond. Ph.), the right indicating those substances with which the article is incompatible. A reference can thus be readily made to each remedial agent, and a volume of information gained by reading the indications opposite.—*London Med. Phys. Journ.*, xlvii, 1822, p. 334.

1822. FIÉVÉE, F. *Vide* "Therapeutics, General," 1822.

1824. KLUYSKENS, J. F. Matière Médicale pratique, contenant l'histoire des médicamens; ainsi qu'une Diss. sur l'art de les préscrire d'après des principes fixes et scientifiques. Gand, 2 vols. 8vo, pp. 526, 624.

1825. PEREIRA, J. Selecta e Præscriptis: Selections from Physicians' Prescriptions, illustrating the various terms used by physicians in prescribing, &c. London, 18mo. Has been through several editions in England and America. Last English, sixteenth ed. 1873, London, 32mo, pp. 358.

If medical men will continue the custom of writing prescriptions in Latin, then certainly they ought to learn to carry it out decently, and to that end they can select no better model than the well-known hand-book of Pereira.—*Practitioner*, December, 1869, p. 365.

1826. BRIAND. J. H. Nouvelles règles sur l'art de formuler. Paris, 8vo, pp. 132.

1830. VOGT, P. F. W. Lehrbuch der Receptirkunst. Wien, 8vo. *Bibl. Coll. Surg. Lond.*

1830. BÉRAL, P. J. Manuel Pharmaceutique, accompagné d'une nouvelle méthode de formuler, &c. Paris, 4to.

1832. FLEISCHMANN, W. F. C. Methodus Formulas concinnandi. Vienna, 8vo, pp. 186.

1834. DEVAL et GAUTHERIN, MM. L'art de formuler. Paris, 18mo. Second ed. Paris, 1838, with the name of M. Gautherin only.

1836. GALTIER, C. P. Traité sur la Pharmacologie, ou l'art de formuler. Paris, 8vo. Second ed. Paris, 1841. *Bibl. Med.-Chir. Soc.*

1839. PHOEBUS, P. Handbuch der Arzneiverordnungslehre. Stolberg, 2 vols. 8vo. Third ed. Berlin, 1842, 2 vols. 8vo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1839. BAUDRIMONT, A. *De la Dose des médicaments relativement à leur intensité et à leur mode d'action. Paris, 4to.

1842. SPILLAN, D. Thesaurus Medicaminum, or the Medical Prescriber's Vade Mecum, containing all the medicinal substances of the Pharmacopœia arranged according to their therapeutic action, with the most elegant method of prescribing each, and a table of incompatibles, &c. London, 12mo, pp. 154.

The object of this work is to enable the practitioner to obtain at a glance a knowledge of the therapeutic action of the various articles of the materia medica, and of the method of combining them in extemporaneous prescription. To almost every article is subjoined a formula of the best mode of prescribing it.—*Med.-Chir. Rev.*, Jan., 1843, p. 177.

1845. MIALHE, —. Traité de l'art de Formuler, ou notions de pharmacologie appliquées à la médecine. Paris, 12mo, pp. 214.

The object of the author is to draw attention to the chemical theories of the German school, and to endeavour to explain the action of medicines on the animal economy by reference to the changes which they undergo in the chemical laboratory. . . . . Having propounded his views as to the *modus operandi* of different drugs, he gives formulæ for their administration in accordance with those views. This portion of the work contains much matter of great practical importance.—*Dublin Quart. Journ. Med. Sci.*, Feb., 1846, p. 110.

1851. TROUSSEAU, A., et REVEIL, O. Traité de l'art de Formuler, &c. Paris, 12mo. English transl. by Dr. J. B. Nevins, London, 12mo, 1852.

1854. DESCHAMPS, — (DE AVALLON). L'art de Formuler, contenant, 1, les principes élémentaires de pharmacie; 2, les tables synoptiques des substances médicamenteuses . . . et des substances incompatibles; 3, les indications pratiques nécessaires pour composer de bonnes formules. Paris, 12mo.

1864. MEADOWS, A. The Prescriber's Companion. London, 8vo, pp. 152. Second ed. 1867, pp. 231.

A useful and convenient handbook for those who want to vary their mode of prescribing the same remedies.—*Medical Times and Gaz.*, July 6, 1877.

1864. NEVINS, J. B. The Prescriber's Analysis of the British Pharmacopœia. London, 8vo, pp. 91. Second ed. ibid. 32mo, pp. 264.

A most excellent and useful vade-mecum.—*Dublin Quart. Journ. Med. Sci.*, Aug., 1864.

1864. SQUIRE, P. Companion to the last edition of the British Pharmacopœia, with practical hints on Prescribing. London, 8vo, pp. 208. Tenth ed. 8vo, 1874.

The hints on prescribing constitute, perhaps, the least valuable portion of this otherwise very useful book.

1865. CHEVREUL, E. Considérations sur l'histoire de la partie de la Médecine qui concerne la prescription des remèdes, &c. Paris, 8vo, pp. 65.

1871. OFWYRDA, R. J. Algemeene en bijzondere recepteer kunst, &c. (ars formulas medicas præscribendi et præparandi). Amsterdam, 8vo, pp. 143.

1875. GRIFFITHS, W. H. Lessons on Prescriptions and the Art of Prescribing. London, 18mo, pp. 150.

The object of this work is to instruct beginners in the study of medicine how to prescribe accurately both in respect to the intelligibility of the language employed and to the due combination of the drugs employed. In both these respects there are several mistakes and shortcomings; the formulæ, however, of which there is a great number, are generally very good; and the division of prescriptions according to their physiologcal action will be found useful.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1876, p. 137.

1875. BERRUTI, G. Piccolo Formulario terapeutico-ragionato ad uso dei medici d'Italia raccolto e compilato. Terza ed. Torino, 8vo.

MEDICINES: MODES OF ADMINISTERING, AND OF INTRODUCING INTO THE SYSTEM.

1831. PELLETAN, J. *Essai sur les différentes voies d'introduction des médicaments dans l'économie animale. Paris, 4to.

1866. BAUDOT, E. *Voies d'introduction des médicaments, applications thérapeutiques. Paris, 8vo, pp. 142.

1873. AMAGAT, A. L. *Étude sur les différentes voies d'Absorption des médicaments. Paris, 4to; ibid. 8vo, pp. 130. *Bibl. Med.-Chir. Soc.*

1873. MÉNIÈRE, L. P. *De la vitesse relative de l'Absorption par les différentes membranes de l'économie, &c. Paris, 4to.

α. THROUGH THE MEDIUM OF THE STOMACH.

It has been deemed unnecessary to specify any works under this heading. In all cases throughout this work it may be taken for granted that this is the mode of administration indicated, unless the contrary is expressly stated in the title or context.

β. THROUGH THE MEDIUM OF THE SKIN (GENERALLY).

1798. (Ann. vi.) TOURDES, J. Lettre sur les médicamens administrés à l'extérieur de la peau dans les maladies internes. Spanish transl. Madrid, 1800, 8vo. Pavie, 8vo, pp. 63.

1801. ANSELMO, C. G. *Dell' Absorbimento dei Veleni e dei Rimedi per mezzo dei vasi linfatici cutanei. Eridania, 4to. *Bibl. Coll. Surg. Lond.*

1807. METTEMBERG, J. Découverte médicale importante, dans l'administration des remèdes par l'Absorption cutanée; éprouvée de nouveau par ordre du Gouvernement. Paris, 4to. *Bibl. Roy.*

Mettemberg was the author of several other brochures on the same subject the titles of which are given by Dr. Roy, *Cat. Bibl. Med.*, vol. ii, p. 872.

1817. WAGNER, C. L. F. *Annotationes de systemate Cutaneo qua medicaminum in corpus actionis via. Marburgi, 8vo, pp. 29.

1832. BERTRAND, A. V. *Essai sur l'application des médicaments sur la surface cutanée, principalement sous le rapport du traitement des fièvres intermittentes. Montpellier, 4to.

1838. MADDEN, W. H. An experimental inquiry into the physiology of Cutaneous Absorption and its application to therapeutics. Edinb. 8vo, pp. 151.

Replete with valuable information, and containing a collection of facts which renders the evidence of the absorbent powers of the skin very conclusive.—*Edinburgh Med.-Surg. Jour.*, July, 1840, p. 234. See also "Endermic Method," 1838.

1863. PARISOT, L. Recherches sur l'Absorption par le tégument externe. (Ex *Mém. de l'Acad. de Stanislas*, 1862.) Nancy, 8vo, pp. 19.

1863. WILLEMIN, A. Recherches expérimentales sur l'Absorption, par le tégument externe, de l'eau et des substances solubles. (Ex *Archiv. Gén. de Méd.*) Paris, 8vo, pp. 64. Deuxième mémoire, Paris, 1864, 8vo, pp. 35.

1869. SCOUTETTEN, —. Recherches concernant l'Absorption cutanée, et bibliographie des ouvrages publiés à ce sujet. Metz, 8vo, pp. 27.

1870. GRANDEAU, L. De la non-absorption par la peau dans les bains médicamenteux. Paris, 8vo, pp. 20.

1873. MÉNIÈRE, L. P. *De la vitesse relative de l'Absorption par les différentes membranes de l'économie et particulièrement de l'absorption cutanée. Paris, 4to.

1873. BREMOND, J. J. L. et E. Absorption Cutanée; expériences physiologiques et applications thérapeutiques. Paris, 8vo, pp. 99.

1874. BREMOND, J. J. L. et E. Absorption Cutanée; considérations sur une nouvelle méthode de traitement. Paris, 8vo, pp. 19.

1874. BAUDIN, L. *De l'absorption par la peau des substances dissoutes dans l'eau. Paris, 4to.

ENDERMIC METHOD.

1825. LESIEUR, A. J. *Méthode Endermique. Paris, 4to.

1828. LEMBERT, A. Essai sur la Méthode Endermique, ou moyen thérapeutique particulièrement appliqué aux maladies nerveuses et rhumatismales. Paris, 8vo, pp. 124. *Bibl. Coll. Surg. Lond.*

To M. Lembert is due the credit of the discovery and introduction of the endermic method of administering medicines, which consists in the applying them to the surface of the true skin previously denuded of its cuticle by the operation of a blister. Of the articles of the Materia Medica thus employed described in this volume, the principal are morphia, strychnia and quinia. To these are appended some good experiments with the sulphuret of antimony, musk, assafœtida, saffron, tartar emetic, belladonna, squill and corrosive sublimate.—*Edinburgh Med. Surg. Journal*, xxxi, 1829, p. 160-169.

1829. RICHTER, G. H. *De methodo Endermatica.
Berol. 8vo, pp. 40.

1831. MAGNUS, R. A. *Observationes in methodum Endermaticam.
Berol. 8vo, pp. 26.

1831. GOGUT, R. F. V. *Considérations sur la méthode Endermique.
Paris, 4to.

1834. VAN COOTH, C. J. Medicina externa morborum internorum, sive Methodi Iatralepticæ et Endermaticæ expositio historica, pathologica et thérapeutica; nec non utriusque comparatio.
Traject. ad Rhen. 8vo, pp. 317.

Although the production of a student of medicine, and exclusively compiled from the writings of others, it nevertheless presents much higher claims than the ordinary class of prize essays, comprising a valuable collection of facts methodically arranged in relation to his subject. It consists of five chapters—1. Historical account of external remedies. 2. The principles on which their employment is based and their effects on internal organs. 3. The iatraleptic method, or the application of medicines to the surface of the body, the cuticle remaining entire. 4. The endermic method, or the application of medicines to the surface denuded of cuticle. 5. A comparison between these two methods, followed by sixteen corollaries deducible from the facts set forth in this essay. The author quotes largely from an excellent essay on endermic medication by Dr. Gerhard, of Philadelphia, which originally appeared in the *North American Med. Surg. Journ.* for April and July, 1830.—*American Journ. Med. Sci.*, xix, 1836, p. 190-193.

1834. SOARÉS, O. *De l'Endermie et de son application au traitement des fièvres intermittentes. Paris, 4to.

1834. PRIEUR, V. S. *De la Méthode Endermique en général et de son application au traitement des fièvres intermittentes.
Paris, 4to.

1835. DORTE, E. D. *De la Méthode Endermique employée surtout dans les névralgies. Paris, 4to.

1835. RICHTER, A. L. Die endermische Methode, durch eine Reihe von Versuchen in ihrer Wirksamkeit geprüft.
Berol. 8vo, pp. 140.

1836. COEN, G. M. Endermic use of Opium in Neuralgia. *Vide* "Opium," 1836.

1836. AHRENSEN, A. Diss. de methodo Endermatica.
Hauniæ, 12mo, pp. 267.

The author has shown much industry and judgment in selecting his materials and in appreciating the positive and real value of the remedies treated of. His book bears the stamp of good sense and sound learning.—*Brit. and For. Med. Rev.*, April, 1838, p. 353, *q. v.*

1838. MADDEN, W. H. *Enquiry into the Physiology of Cutaneous Absorption and its application to Therapeutics. Edinb. 8vo, pp. 151, tab. i. *Bibl. Coll. Surg. Lond.*

This thesis, to which was awarded the gold medal by the University of Edinburgh in 1837, is a work of considerable merit. It is divided into four parts—1. The anatomy of the skin. 2. Absorption from its uninjured surface. 3. Endermic absorption. 4. The agents by which absorption is effected, and the application of the subject to therapeutics. The facts collected by Dr.

Madden, proving medicinal action through the skin, together with the additional evidence which he has afforded of the absorption of substances under various forms, render this essay well worthy of the attention both of the physiologist and medical practitioner.—*Brit. and For. Med. Rev.*, Oct., 1838, p. 332-41.

1841. SCHUBERT, F. De methodi Endermaticæ ratione nec non applicatione. Schaffhausen, 8vo, pp. 80.

The result of two years' observation. . . . The preface is devoted to a brief outline of those who have employed the endermic method in various countries. . . . Part II contains illustrations of the effects of the various medical agents which have been employed endermically. The part devoted to the minerals is very brief and contains very little new, and the small quantity of information derived from various sources is not of a very complete or satisfactory nature. The part devoted to the medicines of the vegetable kingdom is more full, and contains a good summary from various practitioners of the endermic method.—*Brit. and For. Med. Rev.*, Oct., 1842, p. 530-31.

1843. LALLEMAND, L. *Quelques mots sur la médication par la méthode Endermique. Paris, 4to, pp. 28.

1847. KISFY (or KISEY), S. *Diss. de methodo Endermica. Pesthini, 8vo. *Bibl. Coll. Surg. Lond.*

1850. DROUOT, M. T. Précis de Médecine rationelle et de thérapeutique endermique et spécifique. Paris, 8vo.

1859. MOLÈ, B. Elementi fondamentali di un novello Sistema endermico [di Medicina]. Palermo, 8vo.
Bibl. Med.-Chir. Soc.

IATRALEPTIC OR EPIDERMIC METHOD.

1804. CHRESTIEN, A. J. De la Méthode Iatraleptique, ou Observations pratiques sur l'administration des remèdes à l'extérieur dans le traitement des maladies internes et externes. Montpellier, 8vo, pp. 358. Further obs. Paris, 8vo, 1811, pp. 464. Italian transl. Perugia, 1807, 8vo. German transl. by H. E. Bischoff, Berlin, 8vo, 1805; alt. Göttingen, 8vo, 1813.
Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.

Dr. Chrestien, following Brera and Chiaventi, has extended considerably the method of administering remedies by applying them to the skin. In the first part of this volume he details many observations on the effect of thus administering camphor, opium, colocynth, digitalis, and cinchona, in a great variety of complaints . . . All M. Chrestien's observations have the same character, they are all vague and exaggerated—those evidently of a sanguine disposition.—*Edin. Med. Surg. Journal*, April, 1815, p. 239—243.

1820. DELZEUZES, L. C. F. *Méthode Iatraleptique. Paris, 4to.

1834. SAINTESPEGS, —. *De la Méthode Iatraleptique. Paris, 4to.

1834. VAN COOTH, —. See "Endermic Method," 1834.

1856. BARBIER, —. Traitement des maladies scrofuleuses et cancéreuses par les Méthodes Iatroleptiques. Paris, 8vo.

INUNCTION.

1781. PICHLER, J. F. De Oleorum unguinosorum usu in morborum medela. Argent. 4to. *Bibl. Coll. Surg. Lond.*

1797. TRINDER, W. M. The English Olive Tree, or a Treatise on

the application of Oil to the human body. London, 8vo. Third ed. 1812.

1803. PIENITZ, J. C. De Frictionis Unctionisque usu therapeutico et dietetico. Wittenberg, 4to, pp. 18.

1809. FRANK, L. Remarques sur l'emploi des Frictions huileuses comme moyen préservatif et comme remède de la peste. (Ex *Bull. des Sci. Méd. de la Soc. d'Emulat.* iii, p. 145.)

1810. DÄHNE, C. F. Beiträge zur Aetiologie und Kur des Scharlachfiebers, nebst Empfehlung der Einreibung von Oel gegen dasselbe. Leipzig, 8vo. Ibid. 1821.

In this work infriction with oil is proposed as a mode of treating scarlet fever.—*Brit. and For. Med.-Chir. Rev.*, July, 1858, p. 155.

1822. ZAVAGLI, —. Delle Unzioni Oleose. (Inunction of oil as a remedy for ascites.) Recanati, 8vo.

1844. GRÄBERG DE HEMSÖ, —. Observation authentique sur la Peste du Levante et l'efficacité de l'Huile contre cette maladie. Florence, 8vo.

1848. SCHNEEMANN, C. Die sichere Heilung der Scharlachkrankheit durch eine neue völlig gefahrlose Heilmethode. Hannover, 8vo.

According to Schneeman, as soon as we are certain as to the nature of the disease (scarlet fever), the patient should be rubbed morning and evening over the whole body with a piece of bacon, so that a superficial covering of fat everywhere exists. In order to render this infriction easy, it is advisable to take a piece of bacon fat of the size of the hand, choosing a part still armed with the rind, that we may have a firmer grasp. On the soft side of this piece slits are made in various directions, that the fat may ooze out, and this may be still further promoted by previously warming the bacon. The infriction is to be kept up twice a day for three weeks, and once a day during the fourth. From this procedure Dr. Schneemann affirms that the most happy results accrue, and the patient is protected against the sequelæ of the disease.—*Brit. and For. Med.-Chir. Rev.*, July, 1858, p. 155 *et seq.*, which contains a *résumé* of the writings of Prof. Mauthner and others on this subject.

1850. TAYLOR, W. On a new and successful treatment of Febrile and other diseases through the medium of the Cutaneous surface. London, 8vo, pp. 170. *Bibl. Coll. Phys. Edin.*

The "new treatment" which Mr. Taylor recommends consists in applying and rubbing over the skin twice a day or oftener a compound consisting of lard and common beef-suet in equal proportions, previously melted at a low temperature. The disease in which he recommends its use are inflammatory fever, typhus, and scarlet fever, measles, dropsy, consumption, insanity, delirium tremens, and hydrocephalus. In order to illustrate the effects of the treatment, the author gives examples of diseases belonging to each of these heads which recovered under the diligent use of this treatment.—*Edin. Med. Surg. Journ.*, lxxv, p. 240.

1853. SCHNEEMANN, C. Die Fetteinreibungsmethode in ihren Heilwirkungen gegen Scharlach- und Masern-krankeit, &c. Hannover, 8vo, pp. 308.

1856. BAUR, H. Die Oelcuren als Oeleinreibungen im Bad Sebastiansweiler. Tübingen, 8vo, pp. 22.

1857. BAUR, H. Des frictions d'Huile comme méthode hygiènique et curative. Tübingen, 8vo, pp. 39.

1860. LA PIERRE, C. Die Inunctions-Kur. Berlin, 8vo, pp. 47.

1860. SIMON, F. A. Geschichte und Schicksale der Inunktions-Kur, &c. Hamburg, 8vo.

1873. MOLÈ, B. Intruzione e prescrizioni varie intorno all'uso ed applicazione dell Olio medicamentoso: elementi fondamentali di un novello sistema endermico. Turin, 8vo, pp. 24.

FUMIGATION.

1734. MEIBOMIUS, B. De usu Vaporationum et Suffituum in curatione morborum. Helmstadii, 4to.

1741. WOLLSTEIN, C. G. De Suffimentis. Halæ Magd. 4to. *Bibl. Coll. Surg. Lond.*

1741. DIONIS, C., et DE GEVILAND, N. M. Quæstiones Medicæ an syphilidi conveniat suffumigatio recens? Paris, 4to.

1743. MARIEAU et CHESNEAU. Quæstiones medicæ an in curanda lue Venerea suffumigia sint adhibita remedium optimum. Paris, 4to.

1753. CHEVALIER, J. D. *Vide* "Hydrargyrum," 1753.

1776. LALOUTTE, P. Nouvelle méthode de traiter des maladies vénériennes par la Fumigation. Paris, 8vo. English transl. London, 1777, 8vo. *Bibl. Med. Soc. Lond.* (English transl.)

1811. WEBER, F. C. *De Fumigiorum usu medico atque dietetico. Wittemberg, 4to, pp. 24.

1818. D'ARCET, M. Description des Appareils à Fumigations établis sur ses dessins à l'Hôpital Saint Louis en 1814 pour le traitement des Maladies de la Peau. Paris, 8vo. *Bibl. Coll. Surg. Lond.*

1818. ALDINI, G. Saggio Esperimentale sull' esterna applicazione del Vapore. Milan, 8vo. *Bibl. Med. Soc. Lond.*

1819. RAPOU, C. T. Essai sur l'Atmidiatrique, ou Médecine par les vapeurs, &c. Lyon et Paris, 8vo, pp. 350, with plates of fumigating apparatus, &c.

1820-1. ASSALINI, P. Ricerche med. sui Bagni a Vapore, e sulle Fumigazioni di sostanze ammoniachali, e balsamichi, di zolfo, di mercurio, &c. Napoli, 2 vols. 4to.

Although written in a style of exaggeration, to be ascribed partly to the enthusiastic admiration of a favourite remedy, and partly, perhaps, to the national character of the author, the work contains so much interesting information that we cannot but regret that it contains much that is superfluous and useless.—*Quart. Journ. For. and Brit. Med.*, iii, 1821, p. 320.

1822. TREZZOLANI, P. Prospetto triennale delle varie affezioni trattate col metodo dell Fumigazioné specialmente solforose in Verona gli anni 1819-20-21. Verona, 8vo.

1823. GREEN, J. The utility and importance of Fumigating Baths illustrated. London, 8vo, pp. 115.

Mr. Green was the proprietor of vapour baths in Bury Street, St. James's, London.

1824. RAPOU, C. T. Traité de la Méthode Fumigatoire, ou de l'emploi médical des bains et douches de vapeurs. Paris, 2 vols. 8vo.

A very elaborate work, in which the "Méthode Fumigatoire" takes the precedence of all other therapeutic measures. It contains, however, many interesting remarks and many useful hints with regard to the effects of different medicinal substances when thus employed in the form of vapour.—*Lond. Med. Phys. Journ.*, lii, 1824, p. 60.

1826. SPERBER, C. F. *De Fumigationibus Medicatis. Jenæ, 4to, pp. 27.

1827. RAPOU, C. T. Annales de la Méthode Fumigatoire. Paris, 8vo.

1832. GARCIA, F. DE PAULA. Fumigationes Desinfectantes y Medicinales o sea método de desinfeccionar el aire de los miasmas contagiosos y deletereos, y de curar muchas enformedades por medio de las Fumigationes. Madrid, 4to.

1832. TREZZOLANI, P. Prospetto storico di molte malattie curate in Verona nel trienno 1829-31, col metodo Fumigatorio e Vaporoso. Verona, 8vo, pp. 85.

1836. RISTELHUEBER, J. Remarques sur le Choléra. . . . suivies de procédés pour vaporiser les substances médicamenteuses sous la couverture d'un lit, sans déplacer le malade, qui peuvent être d'une grande utilité dans le traitement du choléra. Strasbourg, 8vo, pp. 16.

1838. WILSON, J. On the curative effects of simple and medicated Vapour applied locally in rheumatism, gout, white swelling, and other diseases of the joints, ulcers, skin diseases, piles, &c. London, 8vo, pp. 145.

Sensibly written, and completely free from the slightest tincture of charlatannerie.—*Med.-Chir. Rev.*, April, 1838, p. 469.

1843. ANON. Notice sur l'introduction des principes médicamenteux dans l'économie animale au moyen de la Vapeur administrée en bain et en douches. Paris, 36mo.

1847. WALKER, G. A. Treatise on the cure of Ulcers by Fumigation, &c. London, 8vo, pp. 112, plates. *Bibl. Med.-Chir. Soc.*

The object of this treatise is to recommend a plan of applying the fumes of sulphur and iodine in combination, to ulcers. Although commencing with a general view of the subject of ulceration and its treatment, the evident and avowed aim of the work is to bring to notice this particular remedy, as almost, if not entirely, specific.—*Monthly Journ. Med. Sci.*, April, 1849, p. 686.

1860. WILSON, ERASMUS. Thermotherapeia, the Heat Cure, or the treatment of disease by immersion of the body in heated air. London, 12mo. *Bibl. Med.-Chir. Soc.*

1862. VILLETTE, A. Traitement des maladies chroniques par les Fumigations chimiques [système Léon Bonnet.] Paris, 16mo.

1868. LOSTALOT-BACHONÉ, J. J. A. DE. *Du Vaporarium, son utilité dans le traitement de la Phthisie pulmonaire. Paris, 4to.

γ. *THROUGH THE MEDIUM OF THE SUBCUTANEOUS SYSTEM.*

HYPODERMIC METHOD. SUBCUTANEOUS INJECTION.

1855. WOOD, A. On a new method of treating Neuralgia by the direct application of Opiates to the painful points. Edinburgh, 8vo, pp. 22. *Bibl. Coll. Phys. Edin.*

Dr. Wood was the first, in Great Britain at any rate, who practised and advocated subcutaneous injection in neuralgia and other painful nervous affections. For this purpose he employed a common trocar exploring needle, which was first inserted, and the trocar withdrawn. A small glass syringe was then adapted to the canula and the narcotic solution injected. Nine cases are recorded from the author's own experience in which this treatment was adopted with more or less success. The introduction of subcutaneous injection or hypodermic method forms an important era in the history of modern medicine.

1860. COURTY, A. De l'efficacité des injections narcotiques sous-cutanées dans le traitement des Névralgies. Montpellier, 8vo, pp. 56.

1864. BOIS, A. Thérapeutique de la méthode des injections sous-cutanées. Paris, 8vo, pp. 30.

1865. HUNTER, C. On the speedy relief of Pains and other Nervous Affections by means of the Hypodermic Method. London, 8vo, pp. 64. *Bibl. Med.-Chir. Soc.*

A valuable pamphlet by one of the great pioneers of the hypodermic method. To him we are indebted for a knowledge of the fact that for the relief of local pain the injection of the remedial agent need not be made at or near the painful spot, but anywhere, at a distant part, provided it be fairly introduced beneath the cutis into the cellular tissue.—*Brit. and For. Med.-Chir. Rev.*, April 1866, p. 395.

Dr. Wood, of Edinburgh, Dr. Kurzack, of Vienna, and Mr. Rynd, of Dublin, seem about the same time, 1853-4, to have made first trial of the subcutaneous injection,—the hypodermic method. Whether Dr. Kurzack or Dr. Wood is entitled to claim priority of discovery we do not appear to have the requisite data for determining. This, however, seems to be certain, that to Dr. Wood, the profession in this country and in France is mainly indebted for its promulgation, and for the proof of its efficacy in certain painful affections, locally applied, *i. e.* to the spot where pain is felt on pressure, &c., maintaining that it was most efficacious in disease of centripetal, not of centric origin. For the next great stride in our knowledge of this mode of treatment we are indebted to Mr. Hunter, in the work under notice.—*Ibid.*

1865. HARVEY, J. The restoration of nervous function, &c. with remarks on the Hypodermic treatment of neuralgic affections. London, 8vo, pp. 82.

1865. RUPPANER, A. Hypodermic Injections in the treatment of neuralgia, rheumatism, gout, and other diseases. Boston, U.S., 8vo, pp. 165.

A condensed but well-written treatise, presenting a sketch of the history

of the introduction of hypodermic medication, describing the necessary instruments and the operation, indicating the class of cases to which it is adapted and the remedies best administered this way, in fact everything necessary to instruct and guide in the matter. The value of the work is enhanced by the detail of cases (60) treated by the author himself by this method.—*American Journ. Med. Sci.*, April, 1866, p. 428.

1865. LORENT, E. Die hypodermatischen Injectionen nach clinischen Erfahrungen. Bremen, 8vo, pp. 48.

A brief and modest contribution to the subject, essentially clinical in character. The author's experience seems to have been large, numerous cases are given in detail, and his relation of them bears the impress of truthfulness, as does the whole work, and exhibits as well moderation of expression and unbiassed judgment.—*Ibid.*

1865. EULENBERG, A. Die hypodermatische Injection der Arzneimittel nach physiologischen Versuchen und klinischen Erfahrungen bearbeitet. A prize essay. Berlin, 8vo, pp. 218, tab. i. Second ed. ibid. 1867; third ed. ibid. 1875, 8vo, pp. 302.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

This essay is of wider scope and higher aim than the two last-named works. It may be said to cover the whole ground in every particular up to the time of its publication; it aims, in fact, at being an exhaustive treatise. Its bibliography includes every work or magazine article published on it at home or abroad, it gives in detail all that is known of every medicine thus administered, and of every disease thus treated or proposed to be treated by this method, even to stuttering, prolapsus of the rectum, and extra-uterine pregnancy! It is not, however, a mere compilation; the author has worked faithfully in person on his subject, and the "physiological experiments and clinical experience" of the title-page are found throughout the work.—*Ibid.*

1866. GALLOT, E. *De la méthode Hypodermique en général et des injections sous-cutanées de sulfate de quinine en particulier. Paris, 4to.

1866. ERLENMEYER, A. Die subcutanen Injectionen der Arzneimittel, &c. Neuweid, 8vo, pp. 108.

1866. JOUSSET. De la méthode Hypodermique et de la pratique des injections sous-cutanées. Avec figures et table bibliographique. Paris, 8vo, p. 140.

1868. MICHALSKI, A. *De la méthode Hypodermique, ou des injections sous-cutanées. Paris, 4to.

1868. PIQUAND, C. D. T. *Influence de la Syphilis des générateurs sur la grossesse: traitement par les Injections hypodermiques. Paris, 4to.

1868. LUTON, A. Nouvelles observations d'Injection de substances irritantes dans l'intimité des tissus malades. Paris, 8vo, pp. 62.

1868. DENIS, A. A. Considérations et expériences sur la méthode Hypodermique. Strasbourg, 8vo, pp. 68, pl. 2.

1869. ALBANESE, H. Du Traitement des Cancers par les Injections abortives selon la Méthode Thiersch. Palermo, 4to, plates.
Bibl. Med.-Chir. Soc.

1869. HAMON, L. Essai pratique sur la méthode des Injections sous-cutanées. Paris, 8vo, pp. 23.

1869. MICHALSKI, A. De la méthode Hypodermique, ou des Injections sous-cutanées. Paris, 8vo, pp. 96.

1870. BARTHOLOW, R. Manual of Hypodermic Medication. Philadelphia, 12mo, pp. 150. Second ed. ibid. 1873.

1870. PASQUET-LABROUE, J. *Des Injections sous-cutanées hydriques. Paris, 4to.

1871. SCHIVARDI, P. La Medicazione Ipodermica: esposizione teorico-practica. Second ed. Milan, 8vo, pp. 256.

1871. GUITARD, —. Observations sur les Injections hypodermiques. Toulouse, 8vo, pp. 16.

1871. VANCE, R. A. The prevention of Abscesses in Hypodermic Medication, with a description of an instrument for the injection of strychnia. New York, pamphlet.

1872. COULOMBE, P. A. *Essai sur les accidents locaux des Injections hypodermiques. Paris, 4to.

1872. LAWSON, H. Hypodermic Injection of Morphia in sciatica, lumbago, and brachialgia. *Vide* "Morphia," 1872.

1873. TACHARD, —. Traitement de la Syphilis par la méthode Hypodermique. Toulouse, 8vo, pp. 16.

1874. LANGER, R., *v.* LANNSPERG, K. Über die hypodermatische Anwendung der Arzneimittel. Jena, 8vo, pp. 30.

1875. DRON, A. Du traitement de la Syphilis par les Injections hypodermiques. Lyon, 8vo, pp. 13.

1875. LUTON, A. Traité des Injections sous-cutanées à effet local; méthode de traitement applicable aux Névralgies, aux points douloureux, au goître, aux tumeurs. Paris, 8vo, pp. 380. Spanish transl. by M. E. Liciaga. Madrid, 1875, 4to, pp. 352.
Bibl. Med.-Chir. Soc.

δ. THROUGH THE MEDIUM OF THE CIRCULATORY SYSTEM.

INJECTIONS INTO THE VEINS.

1664. MAJOR, J. D. Prodromus inventæ à se chirurgiæ infusoriæ, sive quo pacto agonizantes quidam, pro deploratis habiti, servati aliquandiù possint, infuso in venam sectam liquore particulari. Lipsiæ, 8vo.

1667. ELSHOLE, J. S. Clysmatica nova, sive ratio quâ in venam sectam medicamenta immitti possint, &c. Coloniæ, 12mo, plates. German transl. Berlin, 1665, 8vo; 1666, 8vo.
Bibl. Med.-Chir. Soc.

For an interesting notice of this work and of the early practice of venous injection see *Haller, Bibl. Med. Pract.*, vol. iii, p. 135.

1668. (ANON.) Recueil de quelques nouvelles obs. de la Transfusion du sang, et de l'Infusion des médicaments dans les veines. La Haye, 12mo.

1668. ETTMULLER, M. De Chirurgia Infusoria. Lipsiæ, 4to.

For a sketch of the author's experiments with alcohol, sulphur, corrosive sublimate, &c., injected into the veins of dogs, see *Haller, Bibl. Med. Pract.*, iii, p. 174.

1680. FOLLI, F. Stadera Medica: la Medicina Infusoria e Transfusione de Sangue. Firenze, 12mo. *Bibl. Med.-Chir. Soc.*

1802-3. SCHEEL, P. Die Transfusion des Blutes, und Einspritzung der Arzneyen in den Adern, historisch und praktisch bearbeitet. Copenhagen, 2 vols. 8vo. *Bibl. Coll. Surg. Lond.*

1806. ALBRECHT, J. F. L. *Vide* "Medicines: Properties, &c.," 1806.

1821. HALE, E. Medical Prize Dissertation on the question—Can Medicines be introduced with security and advantage into the animal economy by Injection into the Veins? Boston, 8vo, pp. 135.

1826. DANIEL, G. F. H. *De medicaminum in Venas infusione. Berlin, 8vo, pp. 37.

1826. DRONSART, C. Mémoire qui a obtenu une médaille d'or à la Soc. de Méd. de Bourdeaux sur les questions suivantes:—1. Peut on se permettre d'injecter des substances médicamenteuses dans le système veneux de l'homme? 2. Quels sont les médicaments qu'on peut introduire par cette voie? Et 3. Quelles peuvent être les maladies qui exigent ce mode de médication? Paris, 4to.

1833. DIEFFENBACH, J. F. Ueber die Transfusion des Blutes und die Infusion der Arzeneien. Berlin, 8vo. *Bibl. Med.-Chir. Soc.*

1837. LIPHARD, T. W. S. *De Transfusione Sanguinis, et Infusione medicamentorum in venas. Berol. 8vo, pp. 72. *Bibl. Coll. Surg. Lond.*

1839. BLAKE, J. Mémoire sur les effets de diverses substances salines injectées dans le système circulatoire. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

Mr. Blake's experiments are fully detailed in the *Edinburgh Medical and Surgical Journal*, Oct., 1840, and July, 1841. The substances experimented with embrace salines, the salts of magnesia, zinc, copper, lime, strontia, baryta, lead, silver, soda, ammonia and potash, and their several effects when injected into the veins, contain much matter of interest for the physiologist, the toxicologist, and the physician.

1852. SCHILTZ, M. V. De Transfusione sanguinis ejusque usu therapeutica cum historia chirurgiæ transfusoriæ et infusoriæ usque ad hunc annum continuata. With two tables of instruments. Bonnæ, 8vo, pp. 84.

1855. DUCHAUSSOY, A. Des Injections faites par les Veines dans le traitement du cholera épidémique. Paris, 8vo, tab. i.

1866. GIRDWOOD, G. F. On Saline Venous Injection in the collapse of Asiatic Cholera. London, 8vo, pp. 48.

This essay is written to advocate the one line of treatment indicated by its title-page, and the key to the author's views is to be found in the statement that "the restoration of the normal condition of the blood by the injection

of water containing the lost saline ingredients is specially indicated, and recovery not to be expected until that restoration be accomplished."—*Edin. Med. Journ.*, June, 1867, p. 1119. The subject is ably handled by the author, who pays a well-merited tribute of respect to Sir W. O'Shaughnessy Brooke, whose interesting and important researches on the etiology and pathology of cholera led mainly to the introduction of this mode of treatment,

1870. LADEVI ROCHE, F. *Histoire des Injections dans les Veines depuis leur découverte jusqu'à nos jours. Paris, 4to.

1873. DUJARDIN-BEAUMETZ. Des Injections d'Eau et de solutions salines par les veines dans le traitement de la période algide du Choléra. Paris, 8vo, pp. 16.

1874. NETTER, A. Vues nouvelles sur le Choléra . . . avec une étude sur les Injections faites dans les veines. Paris, 8vo, pp. 101.

1874. SALLÉES, F. *Des Injections médicamenteuses dans les Veines: applications à quelques maladies graves. Paris, 4to.

1875. VIAULT, F. G. *Étude et critique sur la Transfusion du Sang, et sur quelques Injections intra-veineuses. Paris, 4to.

1875. WAGSTAFFE, W. W. On the force used in Transfusion, and on the selection of Fluids for Injecting into Veins. London, pamphlet.

This is a reprint of a paper which appeared in the *Obstetrical Journal* for December, 1874. It may fairly be considered a practical contribution to the subject of transfusion. The details of two cases are given, in one of which milk, and in the other a mixture of equal parts of milk and defibrinated blood was employed. Though both terminated fatally, they present many points of interest. The instrument the author employs and figures seems well worthy of the attention of those who may make injection into the veins the subject of future investigation.—See *London Med. Record*, April 14, 1875, p. 235.

e. THROUGH THE MEDIUM OF THE LUNGS.

INHALATION.

1758. BUXTORFIUS, J. R. De Inhalatione. Basileæ, 4to. *Bibl. Coll. Surg. Lond.*

1795. CACCIALUPI, A. De usu et præstantia Halituum, Vaporum, Suffituumque in morbis respirationis organa obsidentibus. Ticini, 4to. *Bibl. Roy.*

1800. WARD, G. *De Medicina Pneumatica. Edin. 8vo. *Bibl. Coll.-Phys. Edin.*

1829. MURRAY, JAMES. On the influence of Heat and Humidity; with practical observations on the Inhalation of iodine and various vapours in consumption, catarrh, croup, asthma, and other diseases. London, 8vo, pp. 305.

Dr. Murray, in his zeal in favour of iodine inhalation in consumption (which it appears he was the first to propose), draws vast and important conclusions from very insufficient data. Still he undoubtedly makes out a strong case of the palliative effects of iodine inhalation in consumption.—*Edin. Med. Surg. Jour.*, xxxv, 1831, p. 393.

1830. SCUDAMORE, SIR C. Cases illustrative of the efficacy of various medicines administered by Inhalation in pulmonary consumption, in certain morbid states of the trachea and bronchial tubes attended with distressing cough, and in asthma.
London, 8vo, pp. 113.

Sir C. Scudamore adopts Dr Murray's proposal of treating consumption by iodine inhalation, and stamps it as his own by adding to the iodine the aqueous fumes of certain narcotic drugs. The remarks made on Dr. Murray's book apply equally to this. See also "Iodine," 1830.

1831. HUMPHREYS, J. D. Remarks on a new and important Remedy in Consumptive Diseases, with a description of an apparatus for the easy and domestic employment of a medicated atmosphere in cases of impeded respiration. London, 12mo, pp. 51.

Mr. Humphreys constructs a canopy under which he shrouds his patient's head, and insinuates various medicinal steams, with the conviction that he has thus succeeded in devising an equivalent for the balmy airs of Madeira. His work may be set aside summarily, for as he takes care to tell the reader that his canopy is to be found at such a place, and himself at such an hour on certain days of the week, it is presumed his book is intended simply to advertise who, what, and where he is.—*Edin. Med. Surg. Journ.*, xxxv, 1831, p. 384.

1834. WANNER, —. Du Croup, et de son traitement par la Vapeur de l'Eau, &c. Paris, 8vo, pp. 40.

1837. MADDOCK, A. B. Cases of pulmonary consumption, bronchitis, asthma, chronic cough, and various diseases of the lungs, air-passages, throat and heart, successfully treated by medicated Inhalations. London, 8vo. Third ed. 1853; tenth ed. 1861. German transl. by H. Hartmann, Weimar, 1852, 8vo.
Bibl. Coll. Phys. Edin.

1839. HARWOOD, J. On the practical use of Inhalations in diseases of the throat and chest. London, 8vo, pp. 68, tab. i.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1841. COXE, E. J. Practical treatise on Medical Inhalation and its curative powers in bronchitis, consumption, and other diseases of the respiratory organs. Philadelphia, 12mo.

1847. DESHON, H. C. Cold and Consumption. . . . . Inhalation as a local remedy, &c. London, 8vo, pp. 153.

1847. CARR, D. Consumption of the lungs and asthma arrested or cured by Inhalation. London, 12mo, pp. 200.
Bibl. Coll. Phys. Edin.

This and the preceding work are apparently little else than advertising puffs.—See *Med.-Chir. Rev.*, Oct., 1847, p. 351 and p. 362.

1850. BELL, J. On Pulmonary Inhalation. Ex. in 'Dietetical and Medical Hydrology.' Philadelphia, 8vo.

1851. SILVESTRI, G. La Pneumojatria, ossia l'arte di curare le malattie coi medicamenti sotto forma gazosa, giusta le esperienze di rinomati medici antichi e moderni. Milan, 8vo.

1853. HUNTER, A. On Diseases of the Throat and Lungs, with their treatment by Inhalation. New York, 12mo.

1853. GANDOLFI, G. Descrizione ed uffizii principali del Cuore pneumatico respiratorio inventato.
Modena, 8vo, pp. 52, tab. lith. i.

1854. DESRUEZ, J. M. R. Inspirations Pulmonaires, ou Fumigations internes; guide pratique de la méthode thérapeutique.
Paris, 12mo.

1855. SANBORN, G. D. On the Inhalation of Cold Medicated Vapours in phthisis pulmonalis, and the use of showering syringes in laryngeal and catarrhal diseases. New York, 8vo.

1857. ANCELET, E. Note sur l'emploi des Fumigations intrapleurales consecutives à l'opération de la thoracentèse.
Reims, 8vo, pp. 11.

1858. SALES-GIRONS, —. Thérapeutique Respiratoire: traité théorique et pratique des Salles de Respiration nouvelles (à l'eau minérale pulvérisée) dans les établissements thermaux pour le traitement des maladies de poitrine. Paris, 8vo, pp. 315.

The object of M. Sales-Girons, to whom is due the merit of originating these so-called "Spray Baths," is to employ medicated fluids in a "pulverized" condition for the topical medication of the lungs and air-passages. Subsequent experience has tended in a great measure to confirm the value M. Sales-Girons placed upon this mode of applying therapeutic agents.—See analyt. review in *Brit. and For. Med.-Chir. Rev.*, Jan., 1862, p. 86-91.

1859. ALLARD, G. C. Considérations sur le traitement thermal des affections Pulmonaires et particulièrement sur l'utilité thérapeutique des inhalations minérales, &c. Paris, 12mo, pp. 26.

1862. DEMARQUAY, —. Mémoire sur la pénétration des Liquides Pulvérisés dans les voies respiratoires et leur application au traitement des maladies des yeux, du pharynx, et du larynx. Paris, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

1862. FOURNIÉ, E. De la pénétration des corps Pulvérulents gazeux, solides et liquides dans les voies respiratoires, au point de vue de l'hygiène et de la thérapeutique. Paris, 8vo, pp. 75.

1863. MARSH, J. C. LORY On Inhalation. *Vide* "Water," 1863.

1865. SCHMID, C. T., et MILNER, C. Inhalation, the most rational treatment for diseases of the respiratory organs. London, 8vo, pp. 35. *Bibl. Med.-Chir. Soc.*

This pamphlet, which required, it seems, two weighty M.D.'s to manufacture and launch forth into the world, contains just about the quantum of second- and third-hand information which an instrument maker is accustomed to collect and print in illustration of the advantages to be derived from a new or improved instrument in which he is particularly interested.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1867, p. 386.

1865. SMITH, W. ABBOTTS. On the Inhalation of Gases and Medicated Vapours in consumption and other pulmonary diseases, &c. London, 12mo. Second ed. ibid. 1867. *Bibl. Med.-Chir. Soc.*

A work of the fugitive pamphlet sort . . . the author, however, deserves some credit for the matter he has collected.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1867, p. 386.

1865. BURIN DU BUISSON, G. M. Traitement des maladies des voies respiratoires par l'Inhalation des émanations des épurateurs du gaz d'eclairages, &c. Paris, 8vo, pp. 16.

Contains a list of volatile substances which may be inhaled in diseases of the respiratory apparatus, as hooping-cough; and a description of the manufacture of garcol, a fluid having ammonia for its base, which evaporates at 15° to 20° Cent. and fills the atmosphere of the sick room according to the patient's pleasure.—*Medical Times and Gaz.*, April 14th, 1866, p. 406.

1865. LEWIN, G. Die Inhalations-Therapie in Krankheiten der Respirationsorgane, &c. Berlin, 8vo, pp. 506. *Bibl. Coll. Phys. Edin.*

As a history of inhalation, and a record of its practical application, this treatise occupies the foremost place amongst books on the subject. It contains an account of much original experiment and research, of extensive clinical observation, and of the labours of others in the same field of inquiry. —*Brit. and For. Med.-Chir. Rev.*, Oct., 1869, p. 386.

1865. FIEBER, F. Die Inhalation medicamentöser Flüssigkeiten und ihre Verwerthung bei Krankheiten der Athmungsorgane. Vienna, 8vo, pp. 143.

1866. DEMARQUAY, J. N. Essai de Pneumatologie médicale, recherches physiologiques, cliniques et thérapeutiques sur le Gaz. Paris, 8vo, pp. 861. German transl. by Dr. O. Reyher. Leipzig, 8vo, 1867.

This work is divided into two parts; the first, mainly physiological and pathological, treats of gases in the blood; the second is devoted to a physiological and therapeutical investigation of gases, especially of oxygen, carbonic acid (the former occupying 250, and the latter 100 pages), nitrogen and protoxide of nitrogen and of hydrogen. The treatise is one of great value, especially as a book of reference.—*Brit. and For. Med.-Chir. Rev.*, July, 1868, p. 183-187.

1866. BEIGEL, H. On Inhalation as a means of local treatment of the Organs of Respiration by Atomised Fluids and Gases. London, 8vo, pp. 200, woodcuts. *Bibl. Med.-Chir. Soc.*

A practical work, showing how inhalation may be used, and in what cases it is useful. It is divided into two parts:—1. On inhalation in general, commencing with an historical account of its use from the days of Hippocrates to Sales-Girons, who certainly deserves the credit of being the father of the inhalation of atomised fluids. Experiments and cases are then cited which prove the possibility of the entrance of atomised fluids into the trachea and bronchi. The various apparatus which have been invented are then described by the aid of woodcuts; and the methods, medicaments, &c., are very fully detailed. In part ii, after a statistical report on the prevalence of diseases of the respiratory organs, a pretty large series of cases is given, including diseases of larynx, trachea, bronchi, and lungs. Some of these are examples of successful, others of unsuccessful treatment, but all fairly fulfil the author's intention, which is, as he tells us, "to show that inhalation is a resource by no means to be neglected in diseases of respiration."—*Edin. Med. Journ.*, March, 1867, p. 482.

1867. ABEILLE, J. Traitement du Croup par les Inhalations des Vapeurs humides de Sulfure de Mercure. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1867. DA COSTA, J. M. Inhalations in the treatment of diseases of the respiratory Passages, particularly as effected by the use of Atomised Fluids. Philadelphia, 12mo, pp. 86.

A very interesting volume, containing the personal experience of a very careful observer as to the therapeutic value of inhalation of atomised fluids in chest affections. He treats in separate chapters of—1. The history of inhalations and the apparatus employed, with figures of inhalers, &c. 2. Mode of administration. 3. The penetrability of atomised fluids into the air-passages. 4. Doses of medicines for inhalation. And 5. Therapeutic considerations. For a summary of his conclusions see *Amer. Journ. Med. Sci.*, April, 1867, p. 516-17.

1867. COHEN, J. S. Inhalation, its therapeutics and practice, &c. Philadelphia, 8vo, pp. 305.

The author enters into details in all sections of the subject, particularly in the historical records of experiments upon men and animals, physiological and pathological, as to the penetration of spray into the respiratory passages. These details are carefully grouped, and are interesting for reference.—*Amer. Journ. Med. Sci.*, July, 1868, p. 247.

1868. CORAZZA, L. Trattamento locale delle Affezioni degli Organi del Respiro Mediante, specialmente le Inalazioni di sostanze Medicamentoze. Bologna, 8vo, pp. 86.

1869. SIEGLE, E. Die Behandlung der Hals- und Lungenleiden mit Inhalationen. Third ed.? Stuttgard, 8vo, pp. 296. Amer. ed. in English by S. Wickles, Cincinnati, 8vo, 1868.

The name of Siegle is well known in connection with the "Steam Atomiser," an apparatus possessing in an eminent degree the qualities necessary for the production of an efficient and easily applied spray. The author's rules for administration and his conclusions concerning treatment, are briefly but distinctly presented.—*American Journ. Med. Sci.*, July, 1868, p. 253.

1869. WATTS, R. G. Inhalation for the Cure of Diseases of the Lungs. London, 8vo, pp. 44. Eleventh ed. ibid. 1875, 8vo, pp. 168.

This is a popular rather than a professional work.

1869. BURGGRAEVE, —. Méthode Atomistique. Résultats des expériences faites avec cette méthode et liste des Médicaments atomistiques. Brussels, 8vo.

1871. FISCHER, —. Kehlkopf- und Lungenkranken. Würdigung der Inhalationen f. dieselben. Hamburg, 16mo, pp. 34.

1872. WALDENBURG, L. Lehrbuch des respiratorischen Therapie, &c. *Vide* "Topical Remedies," 1872.

1872. RENGADE, J. La Médecine Pneumatique; ses applications au traitement des maladies des voies respiratoires. Paris, 12mo. *Bibl. Med.-Chir. Soc.*

1873. BRÜGELMANN, W. Die Inhalations-therapie bei Krankheiten der Lunge, der Luftröhre und der Bronchien. Leipzig, 8vo, pp. 46, tab. lith. i.

1874. MASSEI, F. Sulla importanza delle Inalazioni nelle malattie delle vie respiratorie, studii clinici. II edizione, Napoli, 8vo.

ζ. PER ANUM.

ENEMAS, GLYSTERS, LAVEMENTS, ETC.

1649. MAEBIUS, G. *De natura et usu Clysterum saluberrimo. Respond . . . Crauel. Jenæ, 4to.

1668. GRAAF, REGNERUS DE. De virorum organis generationi inservientibus, de Clysteribus et Siphone. Lugd. Bat. 12mo, plates. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1670. MAJOR, J. D. De Clysteribus veterum ac novis. Kiloniæ, 4to.

1682. BRASSAVOLE, J. Problema: An Clysteres nutriant? Affirm. Romæ, 4to.

1688. BRIGELIUS, J. M. *De Clysmatibus. Præs. E. R. Camerarius. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1691. LANZONI, J. De Clysteribus. Ferrarii, 4to. Alt. ed. Lausanne, 738.

Ejus auxilii vires medicatas valde extollit.—*Haller, Bibl. Med. Pract.*, iv, p. 28.

1698. ALBRECHT, J. G. De Enematum evacuantium, alterantium et nutrientium usu. Lugd. Bat. 4to.

1718. FICK, J. J. *De Clysteribus nutritiis et frigidis. Resp.—Struve. Jenæ, 4to.

1723. SCHWARZ, J. C. Clysterin als ein allgemeines Hausmittel, &c. Hambourg, 8vo.

For a notice of this work see *Haller, Bibl. Med. Pract.*, iv, p. 361.

1737. DETHARDING, G. C. De eo quod justum est circa Enemata. Rostochii, 4to.

1748. RENTSCH, T. E. T. *De utilitate et noxa Clysterum. Præs. J. Ludolph. Erfordiæ, 4to. *Bibl. Med. Soc. Lond.*

1750. TRILLER, D. G. De Clysterum nutritiorum antiquitate et usu. Wittembergæ, 4to.

1751. QUELLMALZ, S. T. De Clysmatibus frigidis, &c. Lipsiæ, 4to.

1752. BUERSINCK, J. De Clysmate nutriente et ejus utilitate. Hardev. 4to. *Bibl. Roy.*

1754. DIAPER, J. *De Clystere. Edin. 8vo. *Bibl. Roy.*

1756. LANGGUTH, G. A. De Clystere febrium exanthematicarum remedio non minus tuto quam efficaçi. Wittembergæ, 4to.

1756. LANGGUTH, G. A. De Clystere sicco, &c. Wittembergæ, 4to.

1757. D'ONGLEE, F. L. T. *An sanis noceat quotidianus ενεμάτων simplicium usus? Affirm. Præs. L. M. Pousse. Paris, 4to.

1757. BÜCHNER, A. E. De circumspecto Clysterum in morbis exanthematicis usu. Halæ, 4to.

1757. KRÜGER, J. G. *De usu Enematum in febribus acutis. Resp. T. A. Seidelius. Helmstadii, 4to. *Bibl. Roy.*

1757. STOCK, D. De Emollientium ac Refrigerantium Clysterum abusu in febrium exanthematicarum curatione. Jenæ, 4to.

1762. GIRARD, J. J. De Enematibus intestinalibus. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*

1780. PFAFF, J. E. A. *Historia Clysterum pathologico-therapeutica. Jenæ, 4to, pp. 22; ibid. 1787, 8vo. *Bibl. Roy.*

1781. SAPHRANI, J. M. *De Clysteribus eorumque effectibus. Halæ, 4to, pp. 39. *Bibl. Med. Soc. Lond.*

1782. HEYDENREICH, C. F. *De Clysmatum frigidorum in ani procidentia usu. Præs. P. J. Hartmann. Traject ad Viad. 4to, pp. 23.

1782. LODDEWEYCHX, H. De Clysteribus et eorum in morbis usu. Præs. M. Van der Belen. Idem. Collect. Diss. Lovan. ii, p. 150. Lovanii, 4to. *Bibl. Facult. Glasgow.*

1783. NICOLAI, E. A. De virtute et usu Clysterum ex aceto. Jenæ, 4to.

1786. MEYER, J. C. *De Clysmatibus. Idem. in Collect. Diss. Med. Gottingæ, vol. ii, No. 3. Gottingæ, 4to. *Bibl. Acad. Edin.*

1788. BÖHMER, G. R. *De noxa et abusu Clysmatum. Resp. C. F. G. Schaëffer. Wittembergæ, 4to, pp. 32. *Bibl. Roy.*

1798. HAHN, J. Observations and experiments on the use of Enemata, &c. Philadelphia, 8vo.

1827. CATT, S. J. *Nonnulla de Enematum usu. Berol. 8vo, pp. 21.

1830. SCOTT, J. On the use and necessity of Lavements in the correction of habitual constipation, &c. London, 8vo.

1832. JUKES, E. On Indigestion . . . with hints on the means of relieving diseases of the digestive organs by Lavements, &c. London, 8vo; fifth ed. ibid. 1836.

From the character of the lengthy title of this book, of which the above is a brief abstract, it is presumed that the work is intended for popular rather than medical instruction.

1833. PITANCIER, —. *Consid. méd. sur l'utilité des diverses injections nommées Clystères. Paris, 4to.

1833. O'BEIRNE, J. New Views of Defæcation. Dublin, 8vo.

The object of this work is to introduce to the notice of the profession the value of large warm-water enemata in the treatment of dysentery and fæcal accumulations.

1849. HARE, E. Hints on an improved treatment of Remittent Fever and Dysentery. Delhi, 8vo, pp. 36.

Large warm-water enemata, followed, when ulceration of the intestines existed, by medicated enemata (*e.g.* Argent Nit. grs. xv, Aq. Oiiss—Oiii), constituted, in the main, "the improved treatment" of dysentery advocated by Dr. Hare in this pamphlet. He has adduced further evidence in favour of this treatment in *Edinburgh Med. Surg. Journ.*, 1849, lxxii, p. 26-56.

1850. MACPHERSON, J. On Bengal Dysentery and its statistics; with the use of large Enemata in that disease. Calcutta, 8vo, pp. 63.

A very excellent paper, containing much information. . . . With reference

to large enemata in dysentery, the author regards them as of minor value, and as adjuvants to more active treatment.—*Brit. and For. Med.-Chir. Rev.*, July, 1853, p. 160-170.

1872. LEUBE, W. O. Ueber die Ernährung der Kranken vom Mastdarm aus; nach physiologischen Experimenten und klinischen Beobachtungen. Leipzig, 8vo, pp. 54.

This pamphlet describes an interesting and very practical series of researches directed to the object of discovering the real nutritive value of food-enemata, and the best means of preserving life by their employment, when gastric digestion is impossible. The results seem to have been highly satisfactory. For these and other interesting points in this form of treatment, see *Practitioner*, Aug., 1872, 104-5.

1873. BEAU, L. *Des Lavements au point de vue du traitement topique des lésions intestinales. Paris, 4to.

1873. GRESLON, G. *Des Injections dans les Occlusions intestinales. Paris, 4to.

1875. FOLTZ, —. Du Lavement froid, son action physiologique, et son emploi thérapeutique dans la Fièvre Typhoïde. Paris, pamphlet.

INJECTIONS: VAGINAL, INTRA-UTERINE.

1755. HUNDERTMARK, —. De Enemate Uterino. Lipsiæ, 4to.

1840. VIDAL (DE CASSIS), A. Essai sur un traitement méthodique des quelques maladies de la Matrice par les Injections intra-vaginales et intra-utérines. Paris, 8vo, pp. 60.

In this essay the author gives first a *coup d'œil* of those uterine diseases which especially require injections, and then carefully describes the exact practice which in his hands proved so successful. The forms of uterine diseases to which he applied his treatment were either, 1st, engorgement, 2nd, redness, or 3rd, ulceration. (Vide *Brit. and For. Med.-Chir. Rev.*, Jan., 1841, p. 215.)

1856. WENZINGER, B. *Exposition et appréciation des Injections intra-utérines, &c. Strasbourg, 4to, pp. 52.

1860. SEYD, C. F. G. L. Diss. de Injectione Uterina (Uterus douche) in rigido orificio uteri adhibenda. Jenæ, 8vo, pp. 17.

1866. BOUNAUD, J. F. E. *Des Injections intra-utérines après l'accouchement, &c. Paris, 4to.

1868. AVRARD, J. F. Lettre sur les Injections intra-utérines employées par la méthode du double courant. Paris, 8vo, pp. 8.

1868. GANTILLON, H. E. Maladies de Matrice. Du Catarrhe utérin et de son traitement par les Injections intra-utérines. Paris, 8vo, pp. 87.

1868. GUYOT, E. *Des Injections intra-utérines; de leurs advantages, de leurs dangers, &c. Paris, 4to.

1869. FONTAINE, J. *Étude sur les Injections utérines après l'Accouchement. Paris, 4to.

1870. GUICHARD, A. *Recherches sur les Injections utérines en dehors de l'état puerpéral. Paris, 4to, Ibid., 8vo, pp. 184.

INJECTIONS: URETHRAL.

1741. GARLICH, T. Treatise on the efficacy of Injections in the cure of Virulent Gonorrhœa. London, 8vo.

1773. BAYFORD, T. The effects of Injections into the urethra, &c., in the cure and prevention of Virulent Gonorrhœa briefly considered. London, 8vo. *Bibl. Acad. Edin.*

1773. CRIBB, W. Considerations on the use of Injections in Gonorrhœa. London, 8vo. *Bibl. Acad. Edin.*

Acetate of lead and sulphate of zinc were the constituents of the injections recommended by this author.

1802. FAERBER, J. C. De Injectionibus in Gonorrhœa, &c. Gottingæ, 4to, pp. 16.

1814. RUTTEN, J. T. J. De l'utilité des Injections astringentes dans la Blenorrhagie, &c. Paris, 4to, pp. 15.

INJECTIONS INTO CLOSED CAVITIES, ABSCESSES, ETC.

1791. EARLE, JAMES. A Treatise on the Hydrocele, containing an examination of all the usual methods of obtaining relief in that disease. The radical cure by Injection is particularly described and illustrated with cases, with an appendix containing additional proofs of the efficacy of Injection. London, 8vo. Second ed. 1803. Third ed. 1805. *Bibl. Med.-Chir. Soc.*

This work laid the foundation to the practice of curing hydrocele by injections into the tunica vaginalis. Although it had occasionally been resorted to by Mr. Munro, an army surgeon, and others, it never became an established practice till after Mr. Earle's first case on June 21st, 1787. He employed diluted port wine, 2 of wine to 1 of water. The above work contains several instances of its successful employment.

1800. ROWLEY, W. Cogent reasons why astringent Injections, Caustic Bougies, &c., should be banished for ever from practice. London, 8vo, pp. 175. *Bibl. Med.-Chir. Soc.*

Review in *London Med. Review and Mag.*, vol. iii, 1800, p. 263.

1808. BUEMANN, M. *De operatione Hydroceles per Injectionem, &c. Landishuti, 8vo, pp. 35.

1826. STROMEYER, G. F. L. *De Hydroceles cura per Injectionem. Berol. 8vo, pp. 36.

1843. VELPEAU, A. Recherches anatomiques, physiologiques et pathologiques sur les Cavités closes, naturelles ou accidentelles, de l'économie animale. Paris, 8vo, pp. 208. *Bibl. Coll. Surg. Lond.*

1846. VELPEAU, A. Des Injections médicamenteuses dans les Cavités closes. Paris, 8vo.

1847. ROUX, J. Du Bubon Vénérien suppuré et de son traitement local par les Injections. (Ex *Archiv. de Méd.*) Paris, 8vo, pp. 30.

1850. LERICHE, —. Du traitement de l'Hydropisie Ascite par les Injections Iodées. Paris, 8vo.

1855. GREEN, HORACE. On Injection of the bronchial tubes and tubercular cavities of the lungs. New York, 8vo, pp. 20.

Dr. Horace Green here advocates an heroic mode of treatment, viz. injecting into the bronchial passages a strong solution of nitrate of silver (grs. xl ad aq. ℥j). Through the prudence of British practitioners it has never come into use on this side of the Atlantic, fortunately for the public at large!

See also "Iodine."

1869. VÉTELAY, G. T. *Sur les Pseudarthroses et leur traitement: méthode des Injections irritantes. Paris, 4to.

CLASSES OF MEDICINES.

ACIDS.

1670. SWALVE, B. *Vide* "Alkalies," 1670.

1675. BOHN, J. *Vide* "Alkalies," 1675.

1676. MARTEN, D. *Vide* "Alkalies," 1676.

1683. BONTEKOE, C. *Vide* "Alkalies," 1683.

1683. BERTRAND, J. B. Réflexions nouvelles sur l'Acide et sur l'Alcali et de l'usage qu'on en fait pour la physique et la médecine. Lyon, 8vo.
Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.

See short abstract in *Haller, Bibl. Med. Pract.*, iii, p. 602.

1689. ANDRÉ, F. Translation from the French of his Treatises on Acid and Alkali, &c., by J. W. London, 8vo.

1696. COLBATCH, J. *Vide* "Alkalies," 1696.

1697. COLBATCH, J. On Gout; and on the use of Acids in fevers, London, 8vo. *Bibl. Radcliffe.*

1698. COWARD, W. *Vide* "Alkalies," 1698.

1700. EMES, T. *Vide* "Alkalies," 1700.

1706. POLI, M. Il Triomfo degli Acidi vendicati delle calumnie di molti medici. Roma, 4to. *Bibl. Acad. Edin.*

See *Haller, Bibl. Med. Pract.*, iv, p. 431.

1737. PITCAIRN, A. De usu corporum Acidorum in morbis. In his 'Opera Omnia Med.,' Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1747. KRUSE, J. C. *De Acidi et Alcali effectibus. Hafniæ, 4to.

1754. LANGE, J. C. *De Acidorum natura et virtutibus. Hafniæ, 4to.

1769. FARR, S. Essay on the medical virtues of Acids. London, 12mo. *Bibl. Med. Soc. Edin.; Acad. Edin.*

1771. CARTER, W. Examination of Dr. Cadogan's Dissertation on Gout . . . with observations on the effects of Alkalies and Acids. London, 8vo.

1779. HARTMANN, —. Diss. de præstantissima Acidorum virtute anthelmintica. Francf. ad Viad. 4to. *Bibl. Med.-Chir. Soc.*

1781. KRÜGER, G. F. *De usu Acidorum et Saponis Hispanici in febribus acutis inflammatoriis. Præs. C. G. Gruner. Jenæ, 4to, pp. 34.

1782. NEUVIRTH, A. J. N. *Diss. sistens Acidorum originem, naturam et combinationem in sales medios, vel præparata. Vindobonæ, 8vo, pp. 45. *Bibl. Banks.*

1789. KIRWAN, R. Essay on Phlogiston and the constitution of Acids...from the French of Morveau, Lavoisier, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1789. BOUTIN, J. *De Acidorum usu. Gottingæ, 4to, pp. 32. *Bibl. Roy.*

1793. WOODHOUSE, J. Observations on the combinations of Acids, Bitters, and Astringents. Philadelphia, 8vo.

1798. ROLLO, J. On Diabetes...with the results of the trials of various Acids in the treatment of lues venerea, &c., by W. Cruikshank. London, 2 vols. 8vo. Second ed. 8vo, 1798. Third ed. ibid. 1806. French transl. by Alyon, Paris, 8vo, 1798. German transl. by J. A. Heidmann, Vienna, 8vo, 1801. Spanish transl. by A de Cruz, Madrid, 8vo, 1800. *Bibl. Med.-Chir. Soc.*

The results of this well-conducted inquiry was in favour of nitro-hydrochloric acid as an antisyphilitic. Whatever good results from the use of acids in these cases the author ascribes to the "disengagement of their oxygene." See *Duncan's Annals of Med.*, vol. ii, 1798.

1803. SCHWARZ, G. E. G. *De usu Acidorum Mineralium, præcipue Acidi Nitrici, in febribus asthenicis. Helmstadii, 4to.

1804. (Ann. xii.) FALQUET, —. *Sur l'Empoisonnement par les Acides Minéraux. Paris, 8vo.

1805. JOHNSTONE, J. Reply to J. C. Smyth...and on the power of Mineral Acids in a state of gas to destroy contagion. London, 8vo. See also "Disinfectants," 1803. *Bibl. Coll. Phys. Edin.*

1806. WÜSTNEY, H. G. Die wohlthätigen Wirkungen der Säuren bei innerlichen und äusserlichen Krankheiten. Rostock, 8vo.

The operation of acids in general on the human body is well stated by this author.—*Edin. Med. Surg. Journ.*, April, 1807, p. 142.

1811. GAY-LUSSAC, J. L., et THÉNARD, L. J. Recherches physico-chimiques...sur les Acides, &c. Paris, 2 vols. 8vo. *Bibl. Med-Chir. Soc.*

1812. KOSAK, F. S. *De Fumigationibus Acidis in morbis contagiosis. Landishuti, 8vo, pp. 31.

1813. PAIVA, M. J. H. DE. Da Febre e sua curação em geral, ou novo e seguro methodo de curar facilmente por meio dos Acidos mineraes todas as especies de febres, &c., pelo Dr. Reich. Bahia, 8vo.

This is professedly a Portugese translation of Dr. Reich's work 'Vom Fieber,' &c. (Berlin, 8vo, 1800), but in the *title* of the original work as given by Callisen and by Engelmann, and in that of the English translation by

Dr. C. H. Parry (London, 8vo, 1801), no mention is made of the mineral acids, although in reality they formed the bases of the treatment. Hydrochloric and sulphuric acids were those on which Dr. Reich chiefly relied.

1816. COUPER, J. *De Acidorum constitutione. Edin. 8vo.

1823. THIZY, J. P. *Emploi des Acides en médecine. Paris, 4to.

1829. LINDENHAYN, J. De Acidorum in corpore humano viribus. Regiomonti, 4to.

1834. KÖCHLIN, J. R. Von den Säuren als Heilmittel im allg. und der Salzsäure und Salpetersäure insbesondere. In *Gräfe und Walther, Journ. d. Chir.*, Bd. xxi, 1834, p. 631-649. Berol. 8vo.

1837. NARR, J. De usu Acidorum in morbo syphilitico. Würzburg, 4to.

1839. GOERRES, F. *De Acidorum mineralium et Cubebarum in Blennorrhœa. Berol. 4to, pp. 46.

1842. ORFILA, P. Recherches médico-légales sur l'absorption de certains Acides minéraux et végetaux. Paris, in *Ann. d'Hygiène*, vol. xxviii.

1854. TUCKER, J. H. On the use of Vegetable and Mineral Acids in the treatment, preventive and remedial, of Cholera and other epidemic diseases of the bowels. London, 8vo, pp. 32. *Bibl. Med.-Chir. Soc.*

Mr. Tucker adduces certain facts to prove that cider is useful as a preventive of cholera. Vegetable acids generally he regards as having a similar property. Cider districts are, he thinks, exempt or nearly so from cholera. With respect to mineral acids, he considers that sulphuric acid alone or in conjunction with nitric will prove of service in the premonitory stage of cholera, and he anticipates a time when they will be considered prophylactics. —*Medical Times and Gaz.*, Sept. 23, 1854, p. 321.

1854. EYLANDT, T. *De Acidorum sumptorum vi in urinæ acorem. Dorpati Livonorum, 8vo, pp. 31.

1856. PIOTROWSKI, J. De quorundam Acidorum organicorum in organismo humano mutationibus. Dorpati, 8vo, pp. 57.

ALCALOIDS.

1825. ENSPYCK-KLEYNHOFF, C. N. VAN. *Diss. chem. pharm., therapeut. de principiis vegetabilium Alcaloideis. Lugd. Bat. 4to. *Bibl. Roy.*

1827. HARTUNG, E. H. *Diss. med.-chem. de Alcaloideis. Berol. 8vo, pp. 63.

1828. GREGORY, W. *De principiis vegetabilium Alkalinis. Edin. 8vo.

1832. HARTRODT, A. Die Alkaloide; oder Darstellung der Bereitungsarten der physischen, chem. und med. Eigenschaften der bis jetzt bekannten Pflanzenalkalien, &c. Leipsic, 4to, pp. 49.

1833. LEVINSTEIN, S. J. *Diss. med.-chem. de Alcaloideis officinalibus. Berol. 8vo, pp. 41.

1837. KOVATS, P. *Alcaloidea et Acida plantarum roborantium. Pesthini, 8vo, pp. 72.

1841. PACHL, G. *Nonnulla de Alcaloidibus. Patavii, 8vo, pp. 24.

1842. ROEBER, F. E. *Explicatio systematis plantarum naturalis, pharmaco-dynamica, præcipue Alcaloidum respectu. Herbipoli, 8vo, pp. 126.

1843. MÜHLHOFFER, J. *Diss. sistens Alkaloidea. Berol. 8vo. *Bibl. Coll. Surg. Lond.*

1855. ANON. Positive Medical Agents; being a treatise on the new alkaloid, resinoid, and concentrated preparations of indigenous and foreign medical plants. By authority of the Chemical Institute. New York, 8vo, pp. 299.

1862. VALSER, A. *Étude sur la recherche des caractères distinctifs et le dosage des Alcaloïdes organiques naturels. Paris, 4to, pp. 35.

1866. LEMATTRE, G. Du mode d'action physiologique des Alcaloïdes. Paris, 8vo, pp. 27.

1869. BOURGOIN, —. Chimie organique. Des Alcalis Organiques. Paris, 8vo, pp. 115.

1870. PAZZINI, G. Generalità intorno ai principali Alcaloidi naturali ricavati dalle piante, dal punto di vista farmicologico. Torino, 8vo, pp. 46.

1874. HOFFMANN, W. *Beiträge zur Lehre über die Wirkung der Alcaloïde. Zurich, 8vo, pp. 23.

1875. CAZENEUVE, P. Recherche et extraction des Alcaloïdes: découverte de la Ptérocarpine. Premier mémoire. Paris, 8vo, pp. 97, pl. i.

ALKALIES.

1670. SWALVE, B. Alcali et Acidum, sive naturæ et artis instrumenta pugilica. Amst. 18mo. Ibid. 1678, 12mo; ibid. Jenæ, 1677, 12mo. *Bibl. Med.-Chir. Soc.*

1675. BOHN, J. Epistola de Alcali et Acidi insufficientia pro elementorum corporum munere gerendo. Lipsiæ, 12mo. *Bibl. Med.-Chir. Soc.*

1676. MARTEN, D. De acri Acido et Alkali. London, 8vo.

1683. BERTRAND, —. *Vide* "Acids," 1683.

1688. BONTEKOE, C. Fundamenta Medica sive de Alcali et Acidi effectibus. Amst. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (ed. 1687).

1696. COLBATCH, Sir J. Further considerations concerning Alkaly and Acid. London, 8vo. *Bibl. Med.-Chir. Soc.*

His views, which were originally published in his 'New Light of Chirurgery,' London, 1695, gave rise to a somewhat fierce controversy.

1698. COWARD, W. Alkali vindicatum. An answer to Colbatch. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1698. SCHMEUSER, J. H. De usu et abusu Alcalinum. Lugd. Bat. 4to. *Bibl. Roy.*

1699. BOULTON, R. Examination of John Colbatch his books... Essay on Alkalies and Acids, &c. London, 12mo. *Bibl. Med.-Chir. Soc.*

1699. EMES, T. Dialogue between Alkali and Acid [in reply to Sir J. Colbatch]. London, 8vo, 2nd. ed. Also a 'Letter concerning Alkali and Acid.' London, 1700. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1710. DU PETIT, F. P. Lettres d'un Médecin des Hôpitaux...sur les expériences de chimie contraires au système des Acides et des Alkalies, &c. Namur, 4to. (plate). *Bibl. Med.-Chir. Soc.*

1747. KRUSE, J. C. *Vide* "Acids," 1747.

1750. OVERKAMP, F. J. *De Salium Alcalinorum fixorum noxis in praxi medica. Respond.—Eglinger. Heidelbergæ, 4to.

1751. WALLERIUS, J. G. *De Salibus Alkalinis eorumque usu medico. Upsaliæ, 4to, pp. 16. *Bibl. Banks.*

1753. WALLERIUS, J. G. De origine Salium Alcalinorum, eorumque usu medico. Upsaliæ, 8vo.

1755. SIEFFERT, J. M. De Salibus Alkalinis. Göttingen, 4to.

1777. BLACK, J. *Vide* "Magnesia," 1777.

1787. FALCONER, W. *Vide* "Carbonic Acid," 1787.

1792. KLEBE, F. A. *De Medicamentorum Alcalinorum varia indole ac virtutibus. Idem. in 'Schlegel Thes. Mat. Med.,' vol. iii, p. 439-470. Halæ, 4to.

Divided into three classes—1, vegetable, 2, mineral, 3, volatile alkalies. On each of these the author offers pharmaceutical and practical comments, which, however valuable at the period of publication, are now, for the most part, obsolete.

1794. MONCRIEFF, J. An Enquiry into the medicinal qualities and effects of the Aerated Alkaline Water, illustrated by experiments and cases. Edinburgh, 8vo, pp. 205. *Bibl. Coll. Phys. Edin.*

Favourably noticed in analytical review in *Duncan's Med. Commentaries*, xix (1794), p. 105-114.

1797. MÜNSTER, O. H. De remediis Alcalinis Carbonicis. Hafniæ, 8vo.

1798. LENT, A. C. *Dissertation showing in what manner pestilential vapours acquire their acid quality, and how this is neutralized and destroyed by Alkalies. New York, 8vo.

1817. ZEISE, G. C. *De vi corporum Alcalinorum et de transmutatione chemica. Hauniæ, 12mo. *Bibl. Med.-Chir. Soc.*

1824. ZACEPHIN, J. Tract. chem.-med. de Alcalibus. Mosquæ, 8vo. *Bibl. Coll. Phys. Edin.*

1832. STEVENS, W. On the Employment of the Alkaline and Neutral Salts in Cholera. *Vide* "Salines," 1832.

1842. ORFILA, —. Mémoire sur l'empoisonnement par les Alcalis fixes. Paris, 4to.

1842. Boys de Loury, J. J. Étude de quelques effets des Carbonates Alcalins sur les phénomènes de la vie. Paris, 8vo, pp. 32.

1850. Hamburger, E. Die Cholera und ihre Heilung durch Kohlensäure Alkalien. Breslau, 8vo, pp. 41.

1852. [Petit, C.] Lettre à M. le Dr. A. Latour sur cette question: Les boissons alcalines peuvent-elles devenir cause d'hemorragie? Paris, 8vo.

1854. Carrière, E. Du traitement de la Congestion, &c., par les Alcalins, 1854. *Vide* "Soda Bicarb." Paris, 8vo, pp. 31.

1856. Poggiale, A. B. Sur l'action des Alcalis et du Sucre dans l'économie animale. Paris, 8vo, pp. 16.

1862. Gaultier de Claubry, H. De la recherche des Alcalis organiques dans les cas d'empoisonnement. Paris, 8vo, pp. 12.

1866. Morel, L. P. H. *De l'action des Alcalins dans le traitement des maladies. Paris, 4to.

1869. Bourgoin, —. *Vide* "Alcaloids," 1869.

1870. Brunet, F. V. *De la Médication Alcaline, Paris, 4to.

1870. Constant, B. *Recherche sur l'action physiologique des Alcalins. Paris, 4to.

1874. Climent, E. Traitement de la Gravelle Urique avec de nouvelles expériences sur l'action des Alcalins. Paris, 8vo, pp. 54.

1875. Caulet, —. De la Suralcalisation du sang et des urines sous l'influence de la Chaux et de la Magnésie. Paris, 8vo, pp. 15.

1875. Caulet, —. De l'Alcalisation indirecte. Étude sur la Chaux et la Magnésie envisagées comme agents de la médication alcaline. Paris, 8vo, pp. 24.

ALTERATIVES.

1698. Muller, G. W. *De mechanica operandi ratione medicamentorum sic dictorum Alterantium. Præs. F. Hoffmann. Halæ, 4to. *Bibl. Med. Soc. Lond*

1703. Stahl, G. E. *De Alterantibus et specificis in genere. Resp. G. S. Raesch. Halæ, 4to. Ed. alt. 1711; ibid in Haller, *Disp. ad Morb. Hist.*, vii, p. 51. *Bibl. Med.-Chir. Soc.* (Haller).

Laudat millefolium, nicotianam, festucæ quamdam speciem.—*Haller, Bibl. Bot.*, ii, p. 63.

1733. Wedel, J. A. *De medicamentorum Alterantium usu et abusu. Respond. T. B. Fuschius. Jenæ, 4to. *Bibl. Med. Soc. Lond.* (*sub nom.* Fuschius).

1743. Hauksbee, F. On the effects of Alterative medicine in the venereal disease. London, 8vo. *Bibl. Med. Soc. Lond.*

1752. *Hebenstreit, J. E. De Alterantibus. Lipsiæ, 4to. *Bibl. Med.-Chir. Soc.*

1859. Higgins, C. Notes sur l'emploi des Altérants dans les maladies aiguës et chroniques. Paris, 8vo, pp. 38.

For an abstract of Dr. Higgins's interesting observations see *Dub. Quart. Jour. Med. Sci.*, May, 1859, p. 491-500.

ANÆSTHETICS.

1847. WELLS, HORACE. History of the application of Nitrous Oxide Gas, Ether, and other vapours to surgical operations. Hartford, U.S., 12mo, pp. 25. *Bibl. Med.-Chir. Soc.*

1847. ROBINSON, JAMES. A Treatise on the Inhalation of the Vapour of Ether for the prevention of pain in Surgical Operations. London, 8vo, pp. 64.

This pamphlet mainly deserves notice as being the production of the first person who employed ether as an anæsthetic in a surgical operation in this country. On the 19th of December, 1846, Mr. Robinson, then a dentist in Gower Street, extracted a firm molar tooth painlessly under ether; the patient was a Miss Lonsdale. Two days subsequently Mr. Liston tried ether inhalation at University College Hospital in two operations, one amputation of the thigh, the other the evulsion of the great toe-nail, both with entire success. For these details, which are of historical interest, I am indebted to the *Lancet*, June 11, 1870, p. 843. The pamphlet itself is little more than a record of cases, extracts from journals, letters, &c.

1847. SNOW, JOHN. On the Inhalation of the Vapour of Ether in surgical operations, containing a description of the various stages of Etherization. London, 8vo, pp. 88. *Bibl. Med.-Chir. Soc.*

1847. SIMPSON, Sir J. Y. Account of a new Anæsthetic agent (Chloroform) as a substitute for Sulphuric Ether in surgery and midwifery. (Issued Nov. 15th, 1847.) Edin. 8vo, pp. 23. *Bibl. Med.-Chir Soc.*

1847. SIMPSON, Sir J. Y. Answer to the Religious Objections advanced against the employment of Anæsthetic agents in midwifery and surgery. Edin. 8vo, pp. 24. *Bibl. Med.-Chir. Soc.*

Contains much curious and valuable philological lore. As a matter of *reasoning*, this pamphlet, together with that of Dr. Protheroe Smith (*infrà*), so completely settle the question of the lawfulness of the use of anæsthetics in midwifery and surgery that it can never be made a subject of discussion (at least on religious grounds) for the future.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1848, p. 520.

1847. BROOKES, W. P. Practical remarks on the Inhalation of the vapour of Sulphuric Ether. London, 8vo, pp. 68. *Bibl. Coll. Surg. Lond.*

Beyond a record of cases contains nothing new.—*Med.-Chir. Rev.*, July, 1847, p. 246.

1847. MORTIMER, W. H. A Popular Essay on Anæsthetic agents for procuring painless operations...but especially in dental surgery. London, 8vo, pp. 32.

Contains an examination of the relative merits of chloroform and ether, the question being settled in favour of the former.—*London Med. Gaz.*, Dec. 24, 1847.

1847. WARREN, J. MASON. On the Inhalation of Ether. (Ex *Boston Med. Surg. Journ.*, March, 1847.) Boston, 8vo, pp. 18.

Notice of, in *Med.-Chir. Rev.*, July, 1847, p. 246.

1847. [illegible] — Sur l'[illegible] de l'Ether pour [illegible] dans les opérations chirurgicales.
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1847. Simpson, Sir J. Y. Notes on the Inhalation of Sulphuric Ether in the practice of midwifery. Edin. 8vo. Bibl. Med.-Chir. Soc.

1847. Simpson, Sir J. Y. Remarks on the superiorities of Anæsthesia in natural and morbid parturition. Edin. 8vo.
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1847. Jeanvel, J. Théorie de l'enrouement et de l'insensibilité produites par les Inhalations Éthérées.
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1847. Rock, J. Éthérisme à l'aide du sac à éthérisation.
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1847. KRONSER, V. N. Der Schwefel-Aether: seine chemische Bereitung, Eigenschaft und Anwendung, nebst ausführl. Berichte der ersten u. interessantesten damit gemachten Versuche bei Operationen u. verschied. Krankheitsfällen, sowie über deren Verlauf u. Nachbehandlung. Wien, 8vo, pp.

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A sensible, calm and cautious exposition of ether inhalation, in which the author has compared and arranged with great judgment all that had been published on the subject up to the period when his work was written.—*American Journ. Med. Sci.*, April, 1040, p. 523.

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1847. SCHENK, C. Die Einathmung der Schwefel-Äther-Dünste zur Verhütung u. Tilgung der Schmerzen. Quedlinburg, 8vo, pp. 45, tab. i, 4to.

1848. ROUX, J. De l'Amputation et de l'Étherisme dans le Tetanos traumatique. Paris, 8vo, pp. 24.

1848. WARREN, J. C. On Etherization, with surgical remarks. Boston, U.S., 12mo, pp. 96.

His general conclusions are decidedly favourable to the use of ether in most serious operations. He seems to have been unacquainted with chloroform as he makes no mention of it.—*Brit. and For. Med.-Chir. Rev.*, April, 1848, p. 518.

1848. CURLING, T. B. The Advantages of Ether and Chloroform in operative surgery. London, 8vo, pp. 36. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Several points are raised in the pamphlet which are especially worthy of attention, more particularly the advantages of anæsthetics, not merely in diminishing the pain and shock of the operation itself, but of removing that extreme dread with which many sufferers regard operations, a state most unfavorable to the successful issue.—*Brit. and For. Med.-Chir. Rev.*, April, 1848, p. 519.

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1848. SÉDILLOT, C. De l'Insensibilité produite par le Chloroforme et par l'Éther. Paris and London, 8vo.

1848. MARTIN, E. Ueber die künstliche Anästhesie bei Geburten durch Chloroformdämpfe. Jena, 8vo.

1848. MILLER, J. Surgical Experience of Chloroform. Edin. 8vo, pp. 60. See also "Chloroform," 1848. *Bibl. Med.-Chir. Soc.*

1848. IMLACH, F. B. On the Employment of Chloroform in Dental Surgery: its mode of exhibition, &c. Edin. 8vo, pp. 9.

In favour of the employment of anæsthetics in dentistry, drawn from experience in above 300 cases.—*London Med. Gazette*, Oct. 27, 1849, p. 721.

1848. MURPHY, E. A. Chloroform in the practice of Midwifery. London, 8vo, pp. 28. Further observations. London, 1850, 8vo, pp. 43. *Bibl. Med.-Chir. Soc.*

Dr. Murphy's experience as set forth in his original essay and his "further observations" is uniformly in favour of anæsthetics in midwifery.

1848. STALLARD, J. H. Practical observations on the administration and effects of Chloroform, especially its application in cases of Natural Labours. London, 8vo, pp. 22. *Bibl. Coll. Phys. Edin.*

Mr. Stallard is a strong advocate of the use of chloroform, and his pamphlet may be taken as a fair statement of the case of those who persist in its use under all circumstances. It contains a reflection of his own observations in a limited number of cases, and will serve hereafter for the medical historian who is desirous of balancing the experience of the early pioneers of anæsthesia.—*London Med. Gazette*, Sept. 8, 1840, p. 427.

1848. SMITH, PROTHEROE. Scriptural Authority for the Mitigation of the Pains of Labour by Chloroform and other anæsthetic agents. London, 8vo, pp. 52. *Bibl. Med.-Chir. Soc.*

Contains several pages of purely theological matter, written in a serious and excellent tone and spirit. His arguments are much the same as those contained in Sir J. Y. Simpson's pamphlet (*antè, q. v.*)—*Brit. and For. Med.-Chir. Rev.*, Oct., 1848, p. 522.

1848. MERRIMAN, S. W. J., M.D. Arguments against the indiscriminate use of Chloroform in Midwifery. London, 8vo, pp. 28. *Bibl. Med.-Chir. Soc.*

Dr. Merriman opposes the employment of anæsthesia in natural labour on the ground of "the great superiority of allowing nature to conduct the whole process of the birth," but the practice of anæsthesia does in reality allow "nature to conduct the *whole* process of the birth;" it merely abstracts the intensity of the pain and suffering which accompanies the act of labour in the civilised woman. He would limit its use to instrumental or very tedious labour.—Sir J. Y. Simpson, in *Monthly Jour. Med. Sci.*, Oct., 1848, p. 248.

1848. SIMPSON, Sir J. Y. Anæsthetic Midwifery. Report on its early history and progress. Edinburgh, 8vo, pp. 54. *Bibl. Med.-Chir. Soc.*

1848. MARTIN, E. Ueber die künstliche Anästhesie bei Geburten durch Chloroformdämpfe. Jena, 8vo.

1848. GREAM, G. T. Remarks on the employment of Anæsthetic Agents in Midwifery. London, 8vo. *Bibl. Med.-Chir. Soc.*

The author raises several objections to the use of anæsthetics in midwifery, one of which, the only one which we shall mention here, is that they are calculated to excite improper sexual feelings and expressions in women when given during labour, a statement that subsequent experience has demonstrated to be wholly fallacious. "A century hence Mr. Gream's pamphlet will be prized and quoted as a literary curiosity in its way, and another proof of the absurd and lamentable lengths to which medical prejudices will sometimes lead medical men when anything new is proposed in practice." *Monthly Journ. of Med. Sci.*, July, 1848, p. 44.

1848. SIMPSON, Sir J. Y. Notes on the Anæsthetic effects of chloride of hydrocarbon, nitrate of ethyle, benzin, and bisulphuret of carbon. Edin. 8vo, pp. 7. *Bibl. Coll. Phys. Edin.*

1848. BOURDON, J. De l'Éthérisme, ou de l'Éther et du Chloroforme employés contre la douleur. Paris, 8vo.

1848. GUYTON, M. Mémoire sur l'étranglement, et l'emploi du Chloroforme pour la réduction des Hernies étranglées. Paris, 8vo, pp. 43.

1848. HEYFELDER, J. F. M. Die Versuche mit dem Schwefeläther, Salzäther und Chloroform und die daraus gewonnenen Resultate in d. chirurgischen Klinik zu Erlangen. Erlangen, 8vo, pp. 158.

1848. MARTIN et BINSWANGER. *Vide* "Chloroform," 1848.

1848. ORLOWSKI, C. F. *De Inhalationum Ætheris Sulphurici usu in Arte Obstetricia. Dorpati, 8vo, pp. 71.

1849. CLENDON, J. C. On the use of Chloroform in Dental Surgery. London, 8vo, pp. 20. *Bibl. Med.-Chir. Soc.*

Sensibly written, and may be taken as representing a very fair and unbiassed view of the use of chloroform in dental surgery.—*London Med. Gaz.*, Feb. 2, 1849, p. 208.

1849. GREAM, G. T. The Misapplication of Anæsthesia in Childbirth, exemplified by facts. Lond. 8vo, pp. 62. *Bibl. Med.-Chir. Soc.*

1849. WARREN, J. C. Effects of Chloroform and of strong Chloric Ether as narcotic agents. Boston, U.S., 12mo, pp. 66.

1849. SIMPSON, Sir J. Y. Anæsthesia, or the Employment of Chloroform and ether in surgery, midwifery, &c. Philadelphia, 8vo, pp. 248. *Bibl. Med.-Chir. Soc.*

In this volume are collected several papers published in periodicals at different times by Prof. Simpson. To his own experience he has added much valuable information from other sources, and the whole forms a very interesting history of anæsthetic agents up to the date of publication.

1849. PIROGOFF, N. Rapport Médical d'un Voyage au Caucase... ainsi que l'exposition détaillée des resultats de l'Anesthésiation obtenus sur le champ de bataille et dans différents hôpitaux de Russie. Leipsic et Paris, 4to, pp. 204, tab. 4.

1849. MONTGOMERY, W. F. Objections to the indiscriminate Administration of Anæsthetic Agents in Midwifery. Dublin, 8vo, pp. 20.

Dr. Montgomery, while objecting most strongly and solemnly to the *indiscriminate* administration of chloroform in natural labours, fully acknowledges its value and utility in general obstetrical operations such as instrumental delivery, turning, or the removal of a retained placenta, and also in some peculiar circumstances of natural labour independent of any operation, *e. g.* where the pain greatly exceeds its usual amount and is intolerably severe, or where severe nervous pain is superadded to the ordinary pain of labour.

1849. WISE, —. *Vide* "Chloroform," 1849.

1849. NUNNELEY, T. On Anæsthesia and Anæsthetic Substances generally. London, 8vo.

This work, a reprint from the *Transactions of the Provincial Medical and Surgical Association*, "contains the fullest investigation which has yet been published of the physiological properties of the various anæsthetic agents." —*Brit. and For. Med.-Chir. Rev.*, Jan., 1852, p. 159.

1849. SIMONIN, E. De l'emploi de l'Éther Sulphurique et du Chloroforme à la clinique chirurgicale de Nancy. Paris, 2 vols. 8vo, pp. 380, 134.

1850. BOUISSON, E. F. Traité de la Méthode Anésthesique appliquée à la chirurgie et aux différentes branches de l'art de guérir. Paris, 8vo, pp. 560. *Bibl. Coll. Surg. Lond.*

The most complete treatise on the subject which has yet appeared.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1852, p. 159.

1850. COTTEREAU, M. E. Réflexions sur les causes de la mort qui survient quelquefois à la suite d'Inhalation des Agents Anæsthetiques. 8vo, Paris, pamphlet.

1850. STANELLI, —. Was ist der Chloroformtod und wie ist er zu verhüten? Berlin, 8vo, pp. 31.

1850. SANTESSON, C. Ett Fall af Död efter Chloroform. Stockholm, 8vo.

1850. HENSCHEL-ZEHDENICK, L. Observationes Clinicæ de Chloroform in oculorum operationibus usu, &c. Berlin, 4to, pp. 22, tab. i.

1850. HAYWARD, G. Remarks on the comparative value of the different Anæsthetic Agents. Boston, 8vo. pp. 11.
Bibl. Coll. Phys. Edin.

Contains the results of the author's experience relative to the particular advantages and disadvantages of sulphuric ether, chloroform, and chloric ether, as anæsthetic agents. The remarks, which are very judicious and just, point to sulphuric ether as superior, at any rate as far as safety is concerned, to the other two. See *Amer. Journ. Med. Sci.*, July, 1850, p. 151-4.

1851. SNOW, J. Letter to Lord Campbell on the Clause respecting Chloroform in the proposed Prevention of Offences Bill.
London, 8vo, pp. 16.

Dr. Snow, in this pamphlet, examines shortly the history and circumstances of several of the cases in which chloroform has been represented to have been administered with criminal intentions, and arrives at the conclusion that in not one case is there evidence to establish the inference that it had been so employed. He consequently infers that legislation is not only unnecessary but likely to be ineffectual. He suggests that while the Act may be allowed to stand as a preventive measure, the word chloroform should be withdrawn from it as likely to be alarming to the public, suggestive to the criminal, and not creditable to the sagacity and gravity of the law.—*Edin. Med. Surg. Journ.*, lxxv, April, 1851, p. 477.

1851. WEIGER, J. De Aetheris Sulphurici connubio cum Chloroformio anæsthesiam cito, tuto et jucunde provocando. Patavii, 8vo. German transl. Vienna, 1851, 8vo, pp. 136.

1851. FLAGG, J. F. B. Ether and Chloroform: their employment in surgery, midwifery, and therapeutics.
Philadelphia, 12mo, pp. 189.

This work is valuable as showing the state of opinion in America at that day with regard to the comparative merits and disadvantages of ether and chloroform; for it appears that many of our transatlantic brethren have returned to the use of the former substance.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1852, p. 159.

1851. CLEMENS. F. W.* Untersuchungen über die Wirkung des Aethers und Chloroforms auf Menschen, Thiere und Pflanzen.
Berne, 4to, pp. 30.

1851. SNOW, J. On Narcotism by the Inhalation of Vapours.
London, 8vo, pp. 92.

The author, in this pamphlet, directs attention both to the practical application of chloroform and ether, and also to a physiological inquiry into the *modus operandi* of these and other anæsthetic agents. On both these subjects the remarks, based on experiments, contain much that is interesting. See *Lancet*, Jan. 31, 1852, p. 124.

1852. BEREND, N. Zur Chloroform-Frage, ein zweiter Beitrag zur Chloroform-Casuistik. Breslau, 8vo, pp. 79.

1852. JÜNGKEN, J. C. Ueber die Anwendung des Chloroformes bei Augenoperationen. Berlin, 8vo, pp. 24.

1852. SÉDILLOT, C. Des régles de l'application du Chloroforme aux opérations chirurgicales. Paris, 8vo, pp. 57.

1852. BOURDIN, C. E. *Vide* "Chloroform," 1852.

1852. Robin, E. Mode d'action des Anesthesiques par Inspiration, &c. Paris. 8vo.

1852. Bond, T. E. Treatise on Dental Medicine . . . to which is appended an inquiry into the use of Chloroform and other Anæsthetic Agents. (2nd ed.) Philadelphia. 8vo. pp. 366.

1853. Forget, A. De l'emploi du Chloroforme et de l'Éther dans la pratique chirurgicale. Paris. 8vo. pp. 32.

1853. Fréy, M. A. *Vide* "Chloroform." 1853.

1853. Larrey, H. Quelques mots sur l'Anesthésie. Paris. 8vo.

1853. Gream, G. T. On the Retention of the mental functions during the employment of Chloroform in parturition. London, 8vo. *Bibl. Med.-Chir. Soc.*

1853. Baudens, L. Des règles à suivre dans l'emploi du Chloroforme. Paris, 8vo. pp. 30.

1853. Chassaignac. *Vide* "Chloroform," 1853.

1853. De la Barre, A. Principes de l'Éthérisation, présentés à l'Acad. Imp. de Méd. de Paris. Paris. 8vo. pp. 20.

1853. Yvonnau. *Vide* "Chloroform," 1853.

1853. Chailly-Honoré. Des cas où les inspirations d'Éther et de Chloroforme peuvent être employées dans l'art des accouchements et de ceux qui s'opposent à leur usage. Batignolles, 8vo, pp. 32.

1853. Mourlon, F. A. L. *Vide* "Chloroform," 1853.

1853. Robert, A. Résumé de la discussion sur le Chloroforme suivi de considérations pratiques sur l'Anesthésie. Paris, 8vo, pp. 20.

1853. Wagner, P. Ueber die Wirkung und Anwendung der Chloroforminhalationen. Würzburg, 8vo pp. 26.

1854. Weidenbach, W. De Chloroformio in feminarium partubus adhibendo. Bonn, 8vo, pp. 26.

1854. Druitt, R. Chloroform and other means of producing insensibility to pain. London, 12mo. *Bibl. Med.-Chir. Soc.*

1854. Guède, E. A. *Vide* "Chloroform," 1854.

1854. Hampe, C. Ueber die Anwendung des Chloroformes in die Geburtshülfe. Würzburg, 8vo, pp. 28.

1854. Houzelot, P. C. X. Anesthésie obstétricale: de l'emploi du Chloroforme dans l'accouchement naturel simple. Meaux, 8vo.

1854. Scoutetten, H. J. Histoire du Chloroforme et de l'Anesthésie en général. Metz, 8vo, pp. 38.

1854. Clendon, J. C. A few remarks on the mode of administering Chloroform. London, pamphlet.

The sole object of this pamphlet is to claim priority in having pointed out that the symptoms of danger during the inhalation of chloroform are all referable to the breathing. "Watch the breathing" is his single injunction, and by attending to this he considers all untoward effects may be obviated. It would be a mistake, however, to attend to this alone to the disregard of other symptoms.—*Medical Times and Gaz.*, March 10, 1855, p. 235.

1855. MURPHY, E. W. Chloroform, its properties and safety in Childbirth. London, 8vo, pp. 72.

Its tone is so calm and moderate, its facts so clear, its directions as to the mode and extent in which chloroform should be exhibited so precise, that we think it will quiet all fears as to its employment in midwifery, as well as afford adequate guidance to those who are willing to use it.—*Brit. and For. Med.-Chir. Rev.*, April, 1855, p. 360.

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1855. DAVID, C. On Chloroform in Tetanus. *Vide* "Chloroform," 1855.

1855. BLACK, P. Chloroform: How shall we ensure safety in its administration? London, 8vo, pp. 40.

Answer: By giving our attention wholly to the breathing, from the observation of which we must not allow ourselves to be diverted for a moment. So long as the patient breathes easily, he is in safety; if his breathing be attended with frequent coughing, and still more if it appear to be restrained, with deepening turgescence of the head and face, we have before us distinct warnings of danger, and unless we give immediate heed to them they will be speedily realised. Dr. Black concludes from his observations that death from chloroform is produced by asphyxia.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1856, p. 156.

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1855. HARTMANN, F. Beitrag zur Litteratur über die Wirkung d. Chloroformes (pro venia legendi) geschrieben. Giessen, 8vo, pp. 60.

1855. LALLEMAND, L. Recherches expérimentales sur les moyens à employer contre les accidents déterminés par les inhalations du Chloroforme. Paris, 8vo, pp. 76. *Bibl. Pharm. Soc. Lond.*

Report of a commission to inquire into the subject.

1856. DUROY, J. L. P. Anesthésimètre, nouvel appareil pour appliquer le Chloroforme. Pamphlet, Paris, 8vo. *Bibl. Pharm. Soc. Lond.*

1856. PRETTY, J. R. Aids during Labour, including the administration of Chloroform, &c. London, 8vo, pp. 210.

The author, in this work, has not added much to our knowledge, or established conclusively any great principles.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 193.

1857. CHAIROU, E. *De l'Anesthésie provoquée. Paris, 4to, pp. 50.

Mostly devoted to chloroform as an anæsthetic, but concludes with some remarks on amylene.

1857. MONOT, C. *Du Chloroforme comme agent anesthésique dans la pratique chirurgicale. Paris, 4to, pp. 41.

1857. PELON, E. *De la méthode Anesthésique appliquée aux luxations traumatiques. Montpellier, 4to, pp. 34.

1857. LARREY, C. F. BARON. De l'Éthérisation sous le rapport

de la responsabilité médicale: discours dans la discussion de l'Acad. de Méd. (Bull. Acad., vol. xxi., 1855-6).
Paris, 8vo, pp. 28.

1857. BADOR, A. A. *Vide* "Chloroform," 1857.

1857. COLMAR, L. F. *Vide* "Chloroform," 1857.

1857. FOUCHER, E., et BOSSET, H. Recherches expérimentales sur les Anesthésiques. Paris, 8vo, pp. 7.

1857. LANDRY, O. *Vide* "Chloroform," 1857.

1857. TOURDES, G. Recherches sur les substances Anesthésiques, l'oxyde de carbon, l'amylène, &c. Strasburg, 8vo, pp. 65.

1858. COATES, W. M. *Vide* "Chloroform," 1858.

1858. HOEN, B. L. K. G. De tracheo- et laryngo-tomia inter Chloroformyio-narcosin instituenda. Berlin, 8vo, pp. 31.

1858. BRIQUET, P. De l'Anesthésie chez les hystériques. (Ex. *L'Union Méd.*) Paris, 8vo, pp. 51.

1858. SNOW, J. On Chloroform and other Anæsthetics, their action and administration; edited by Dr. B. W. Richardson, with a memoir of the author. London, 8vo, pp. 443.

Nowhere can be found a more lucid account of very important inquiries into the physiological and therapeutic action of chloroform and some other anæsthetics (including sulphuric ether, amylene, and the monochlorurettted chloride of ethyle). After an historical introduction and some general remarks on inhalation, the properties and preparation of chloroform, with its physiological effects, and the circumstances which modify those effects, are examined. Wherever in the history of medicine, this subject shall be touched upon, the name of Dr. Snow will stand out prominently, and will receive reverential mention. . . . The work was completed on the death-bed, the editor only adding the index and memoir.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1859, p. 31-56.

1858. KIDD, C. On Ether and Chloroform as Anæsthetics, being the result of about 11,000 administrations of these agents, &c. London, 12mo, pp. 115.

There is nothing either original or new in the ten chapters comprised in this work. . . . All the valuable matter contained in it, and more too, is to be found in Dr. Snow's book. Indeed, the two works, in all points of importance, bear a strange resemblance to one another; such points, however, being much abridged by Dr. Kidd.—*Edin. Med. Journ.*, March, 1859, p. 836.

1858. OZANAM, CH. Des Anesthésies en général, de leurs effets physiologiques et pathologiques, et sur tout de l'élément chimique qui spécialement produit l'anesthésie. Metz, 8vo, pp. 130.
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1858. SCOUTETTEN, L. Recherches sur les Anesthésiques en général, leur effets physiologiques, &c. Metz, 8vo, pp. 75.

1858. BECKER, C. J. *Vide* "Chloroform," 1858.

1858. BÄHRENS, F. *De Anæstheticis nonnullis. Berol. 8vo, pp. 32.

1858. DAUB, C. *De Anæstheticis nonnullis. Berol. 8vo, pp. 29.

1858. GEUTEBRÜCK, F. D. Ueber die Anästhetica.
Marburg, 8vo, pp. 30.

1858. HESSBERG, M. *Nonnulla de Anæsthesia et asphyxia Chloroformio effecta. Gryphiæ, 8vo.

1858. DEVERGIE, A. Discussion sur l'Éthérisation envisagée au point de vue de la responsabilité médicale. (Ex *Bull. de l'Acad. Imp. de Méd.*, xxii.) Paris, 8vo, pp. 32.

1858. ROBERT, A. De l'emploi du Chloroforme au point de vue de la responsabilité médicale. (Ex *Bull. de l'Acad. Imp. de Méd.*, xxii.) Paris, 8vo, pp. 20.

1858. BRON, —. De la préférence à donner à l'Éther sur le Chloroforme dans la pratique chirurgicale. (Ex *Gaz. Méd. de Lyon.*) Lyon, 8vo, pp. 14.

1858. GEORGE, J. B. Étude sur l'Anesthésie locale, dans les applications à l'art dentaire, &c. Paris, 8vo, pp. 31.

1859. SCHOELLHAMMER, E. V. *Considérations générales sur l'Anesthésie. Strasbourg, 8vo, pp. 63.

1859. CHAPMAN, J. Chloroform and other Anæsthetics; their history and use during childbirth. London, 8vo, pp. 51.

1859. FAYANS, M. Quatenus Chloroformum in parturientibus adhibere liceat. Vratisl. 8vo, pp. 22.

1859. DUFIE, S. G. N. Essai sur l'Anesthésie provoquée, appliquée aux opérations chirurgicales et aux accouchements. Montpellier, 8vo, pp. 215.

1859. KIDD, C. A Manual of Anæsthetics, theoretical and practical; a new edition? London, 12mo, pp. 249.

An entertaining contribution to the literature of anæsthetics.—*American Journ. Med. Sci.*, Jan., 1861, p. 241.

1859. ROBERT, A. Des règles à suivre dans l'administration des Anesthésiques. Paris, 8vo, pp. 79.

1859. MAHIEU, A. *De l'Anesthésie artificielle au point de vue pratique et général. Strasbourg, 4to, pp. 44.

1859. BERGHAUSEN, F. J. Diss. de extensione in narcosi Chloroformo effecta in inflammationibus articuli coxæ. Bonn, 8vo, pp. 36.

1860. DELABARRE, A. Anesthésimètre. Appareil propre à prévenir tout accident pendant l'éthérisation soit par l'Éther, soit par le Chloroforme. Paris, 8vo, pp. 16.

1861. STOEBER, V. Des inhalations du Chloroforme dans les opérations pratiquées sur les yeux. Strasbourg, 8vo, pp. 24.

1861. LALLEMAND, L., PERRIN, M., et DUROY, J. L. P. Du rôle de l'Alcool et des Anesthésiques dans l'organisme. Paris, 8vo, pp. 432.

An important work, containing an account of experiments showing the part which alcohol and anæsthetics play in the animal economy, and the relation which they mutually bear to one another. It embraces an account, not merely of alcohol, ether, chloroform, and amylene, substances which are very closely analogous in their mode of action, but likewise of carbonic acid and carbonic oxide, which though anæsthetics in some sense, inasmuch as they stupefy, yet differ altogether from the former class of true anæsthetics.

The logical structure of the work deserves commendation, as every point follows in due order.—*Medical Times and Gaz.*, Jan. 12, 1861, p. 42. See also "Alcohol."

1861. Report of a Committee of the Boston Society for Medical Improvement on the alleged dangers which accompany the inhalation of the vapour of Sulphuric Ether.
Boston, U.S., 8vo, pp. 36.

This report is strongly in favour of ether, which is declared to be safer than any other anæsthetic.

1861. BERCHON, E. De l'emploi méthodique des Anesthésiques et principalement du Chloroforme. Paris, 8vo, pp. 92.

1861. BARKER, FORDYCE. On the use of Anæsthetics in Midwifery.
New York, 8vo, pp. 17.

The sum and substance of this pamphlet is apparently contained in the first of the six general conclusions at which the author arrives, viz. that "Anæsthetic aid is of the greatest value in the obstetric art, and chloroform is generally the preferable agent for this purpose."—*American Journ. Med. Sci.*, Jan., 1862, p. 210.

1861. LENTE, F. D. Sulphuric Ether and Chloroform as Anæsthetics, considered with reference to their relative safety and efficiency.
Philadelphia, 8vo.

1862. TOWNLEY, J. Parturition without Pain or Loss of Consciousness. London, 8vo, pp. 56.

"The most beautiful method," which produces such "marvellous effects," and confers such an "inestimable boon," consists in the administration of the vapour of chloroform combined with an aromatic tincture, through an inhaler the invention of Mr. Townley! The description of the mode of use, &c., occupies about half a dozen pages, the remaining fifty with laudatory letters from the author's patients.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1863, p. 178.

1862. COLEMAN, A. Anæsthesia considered especially in reference to Dental Surgery. (Pamphlet.) London, 8vo.
Bibl. Pharm. Soc. Lond.; Med.-Chir. Soc.

1862. LEBLANC, F. A. *De l'Anesthésie générale par le Chloroforme.
Strasbourg, 4to, pp. 36.

1863. CUVILLON, P. *Du Chloroforme au point de vue de son action sur l'organisme et de la manière de l'administrer pour produire l'anesthésie générale. Strasbourg, 4to, pp. 29.

1863. PERRIN, M., et LALLEMAND, L. Traité d'Anesthésie Chirurgicale. Paris, 8vo, pp. 668.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

1864. LACH, F. J. De l'administration du Chloroforme. Inutilité et danger des règles fondées sur la théorie de l'asphyxie.
Strasbourg, 8vo, pp. 20.

1864. Report of the Committee of the Royal Medical and Chirurgical Society on the uses and the physiological, therapeutical, and toxical effects of Chloroform, the best mode of administering it,

and obviating any ill consequences resulting from its administration. (Ex *Trans. Med.-Chir. Soc.*, vol. xlvii, p. 325.)

This report, extending over 124 pages, is a highly valuable and important document. Although chloroform is mainly dealt with, it embraces a variety of questions relating to anæsthesia generally, and it may be regarded as the safest and most comprehensive guide we possess in reference to anæsthetic surgery and medicine. The only general result which space admits of notice in this place is, that a mixture of chloroform (1 part) and ether (2 parts), or of chloroform (2 parts) ether (3 parts) and alcohol (1 part), is as effective as pure chloroform, and a safer agent when deep and prolonged anæsthesia is to be induced, while at the same time it is sufficiently rapid in its operation to be convenient for general use. The publication of this report forms an epoch in the history of British anæsthetic practice.

1865. SINCLAIR, E. B. Observations on the administration of Chloroform, &c. French transl. by A. Uylterhoeven.
Brussels, 8vo, pp. 20.

1866. SANSOM, A. E. Chloroform: its action and administration.
See "Chloroform," 1865. London, 8vo.

1866. ELLIS, R. On the safe abolition of pain in labour and surgical operations by Anæsthesia with Mixed Vapours.
London, 8vo, pp. 80.

The author strongly supports the use of mixed vapours, especially the compound of alcohol, ether, and chloroform, first proposed by Dr. Harley, and recommended by the English Chloroform Committee (1864.) In order to avoid the difficulties arising from the differences in the evaporation of these three constituents, the author has constructed a most ingenious instrument. It forms an interesting contribution to anæsthetic literature.—*Edin. Med. Journ.*, Dec., 1866, p. 573.

1866. FAURE, G. *Considérations pratiques sur l'Anesthésie obstétricale. Paris, 4to.

1867. BRUGEROLLE, J. A. *Réflexions sur les accidents attribués aux inhalations de Chloroforme et d'Éther. Paris, 4to.

1867. FREDET, G. E. *Vide* "Chloroform," 1867.

1867. BROWN, I. On safe delivery from the Pain of Labour, or painless parturition with full mental consciousness. London, 8vo.
Bibl. Med.-Chir. Soc.

1867. VERRIER, E. De l'Anesthésie en Obstétrique.
Paris, 8vo, pp. 16.

1867. PÉTREQUIN, J. E. Nouvelles recherches sur le choix à faire entre le Chloroforme et l'Éther rectifié dans la pratique de la médecine opératoire. Lyon, 8vo, pp. 34.

1867. SIMONIN, E. Parallèle de l'action de l'Éther et de l'action du Chloroforme tracé d'après 200 anesthésiations faites par l'auteur. Motifs pour préférer le Chloroforme dans la pratique chirurgicale. (Ex *Mém. de l'Acad. de Stanislas.*) Nancy, 8vo, pp. 23.

1867. BOUVIER, M. De la mort par le Chloroforme chez les enfants.
Paris, 8vo, pp. 15.

1867. PÉTREQUIN, J. E. L'Éthérisation et la chirurgie Lyonnaise pour servir à l'histoire de l'Anesthésie chirurgicale en France.
Lyon, 8vo, pp. 21.

1868. STORCH, C. Anästhetica fra Retslaegens og Toxikologiens Standpunkt. Loc? 8vo, pp. 110.

1868. GAYET, —. Rapport sur les cas de mort survenus à Lyon depuis la découverte de l'Anesthésie et qui peuvent être mis à la charge de l'éther. Lyon, 8vo, pp. 46.

1869. ROSEBURGH, —. Chloroform, and a new method of administering it. New York, 18mo, pp. 31.

1869. HARMAND, A. *Étude sur les deux principaux agents anesthésiques, Éther Sulphurique et Chloroforme. Paris, 4to.

1869. SIMONIN, E. Application des doctrines physiologiques aux principaux faits observés pendant l'Éthérisme. Nancy, 8vo, pp. 32.

1869. SQUAREY, C. On the Administration of Chloroform and Nitrous Oxide. London, 8vo, pp. 44.

Furnishes in a convenient compass such lessons in using anæsthetics as cannot fail to be valued by those called upon to administer them, and such likewise as are not to be gained from ordinary medical works. Woodcuts of the apparatus employed in administering nitrous oxide are also furnished.—*Brit. and For. Med.-Chir. Rev.*, July, 1870, p. 175.

1869. NARANJO, A. De l'action physiologique du Chloroforme et de son application aux Accouchements. Paris, 8vo, pp. 69.

1870. SÉDILLOT, C. Discours prononcé à la Société de Méd. de Strasbourg (Avril 15, 1869) dans la discussion relative à l'Anesthésie Chloroformique. Strasbourg, 8vo, pp. 23.

1870. HERRGOTT, F. J. Des Accidents dans la Chloroformisation. Strasbourg, 8vo, pp. 20.

1870. ABEILLE, J. L'Électricité appliquée à la thérapeutique chirurgicale et en particulier au traitement des accidents produits par les inhalations d'Éther et de Chloroforme. Paris, 8vo, pp. 110.

1870. SIMPSON, Sir J. Y. History of Modern Anæsthetics: a second letter to Jacob Bigelow. Edin. 8vo, pp. 15. *Bibl. Med.-Chir. Soc.*

1870. BRIGHT, C. Quelques observations sur les divers systèmes pour pratiquer les Opérations Dentales sans douleur et en particulier sur l'Oxide d'Azote. Genève, 12mo, pp. 20.

1870. ROCHET, L. E. *Des Accidents tardifs dans l'Anesthésie chirurgicale. Paris, 4to.

1870. JAMES, J. H. Chloroform *versus* Pain; and Paracentesis of the bladder above the pubes. London, 8vo, pp. 62

The first paper in this little pamphlet, on chloroform, is the only one which claims notice here. It is loosely and carelessly worded, and really does not say much about the subject of which it is supposed to treat. As usual, however, in Mr. James's works, it contains one or two good practical hints. —*Edin. Med. Journ.*, Nov., 1870, p. 449.

1870. ANDREWS, E. The relative Dangers of Anæsthesia by Chloroform and Ether: from statistics of 209,893 cases.
Chicago, U.S., 8vo, pp. 12.

A valuable addition to the literature of ether and chloroform statistically considered, evidently the fruit of much labour. According to the writer's estimate, chloroform is eight and a half times more dangerous than ether.—*Amer. Journ. Med. Sci.*, Oct., 1871, p. 445.

1871. SQUIBB, E. R. Anæsthetics. New York, 8vo, pp. 30.
Bibl. Med.-Chir. Soc.

This excellent pamphlet contains, it is believed, the only estimate of the ratio of deaths to administrations of chloroform applicable to the United States. The author places the proportion as 1 to 5882, but as he frankly states the principal data of this estimate to be "simple speculation or rough estimate," his figures are deserving of little reliance or attention. (See *Amer. Journ. Med. Sci.*, Oct., 1871, p. 435-450 where the rival claims of ether and chloroform are examined *in extenso*.)

1871. SIMONIN, E. Comparison des résultats des grandes opérations faites par l'auteur avant l'emploi des Agents Anesthésiques et des grandes opérations pratiquées durant leur action. Rapport des guérisons aux morts. Nancy, 8vo, pp. 17.

1871. TANNER, J. Practical Midwifery and Obstetrics, including Anæsthetics. London, 8vo, pp. 234.

1872. MORGAN, J. The Dangers of Chloroform, and the Safety and Efficiency of Ether, as an agent in securing the avoidance of pain in surgical operations. London, 8vo.

Dr. Morgan invented an inhaler, and of this he furnishes in this brochure a description and figure, but both together only serve to give the reader the vaguest possible notion of its construction and *modus operandi*. Beyond this the book contains no new fact; but the author, by a plentiful use of italics and capitals, has managed to bring old facts into prominence. He is a warm advocate of ether, which, according to his calculations, is eight times safer than chloroform.—*Lancet*, March 29, 1873, p. 449.

1872. PASSABOSC, A. *De l'Anesthésie et de son opportunité dans la chirurgie oculaire. Paris, 4to.

For some valuable practical observations on the applicability of anæsthetics to eye operations, see a paper by Dr. H. Macnaughton Jones in *Dublin Journ. Med. Sci*, Jan., 1876, p. 115-123.

1873. LAROCHE-AU-LION, P. DE. *Des accidents tardifs dans l'Anesthésie chirurgicale. Paris, 4to.

1873. CROMBIE, J. M. The Induction of Sleep and Insensibility to Pain by the safe self-administration of Anæsthetics. London, 8vo, pp. 40. Second ed. ibid. 1875, pp. 58.

The author, deeply impressed with the idea that severe pain may be more effectually relieved by the inhalation of anæsthetics than by drugs given internally, has devised an apparatus by means of which "any one can put himself to sleep with greater safety and infinitely more comfort than can be done by another, however skilful." Although not disposed to agree with so strong a statement, there is no doubt that self-administration of anæsthetics, if at all justifiable, would be more safe by employing the author's instrument than by the methods usually adopted.—*Dublin Journ. Med. Sci.*, May, 1876, p. 419.

1874. CAMPBELL, C. J. Étude sur la tolérance Anesthésique obstétricale. Paris, 8vo, pp. 55.

1874. CAMPBELL, C. J. Mémoire sur l'Anesthésie obstétricale. Paris, 8vo, pp. 22.

1874. BERGERON, A. *Le Chloroforme dans la chirurgie des enfants. Paris, 4to.

1874. DUCHATEAU, A. *Sur l'Anesthésie obstétricale dans les cas de version et d'application de forceps. Paris, 4to.

1875. BERNARD, CLAUDE. Leçons sur les Anesthésiques et sur l'Asphyxie. Paris, 8vo, pp. 536, figs. in the text. *Bibl. Med.-Chir. Soc.*

In common with all the writings of Claude Bernard, this work contains much that is original and suggestive; interesting alike to the physiologist and the practitioner. For a sketch of its leading features see *Lancet*, March 20, 1875, p. 408.

1875. BUDIN et COYNE, MM. Recherches sur l'état de la pupille pendant l'Anesthésie chloroformique, &c. *Vide* "Chloroform," 1875.

1875. ORÉ, —. Études cliniques sur l'Anesthésie chirurgicale par la méthode des injections de Chloral dans les veines. *Vide* "Chloral," 1875. Paris, 8vo, pp. 151.

1875. PERRIN, M. La question des Anesthésiques. Paris, 8vo, pp. 24.

1875. JUIF, P. *De l'Anesthésie alcoolique. Paris, 4to; ibid. 8vo, pp. 50.

1875. PIETRI, —. *De l'Anesthésie chirurgicale par l'emploi combiné du Chloroforme et du Chlorhydrate de Morphine. Paris, 4to.

1875. DORANGE, L. *Essai sur l'Anesthésie dans les accouchements naturels. Paris, 4to; ibid. 8vo, pp. 34.

1875. LEBLANC, F. *Sur les modifications de la pupille produites par les agents Anesthésiques. Paris, 4to.

ANÆSTHETICS: THEIR HISTORY, DISCOVERY, ETC.[1]

1847. WELLS, HORACE. History of the discovery of the application of Nitrous Oxide Gas, Ether, and other vapours, to surgical operations. Boston, U.S., 12mo, pp. 25. *Bibl. Med.-Chir. Soc.*

1847. WARREN, E. Some Account of the Letheon; or, Who is the Discoverer? With a Supplement. Boston, U.S. 8vo, pp. 88.

In these two pamphlets are set forth the rival claims of Mr. Horace Wells and Dr. Morton for the honour of having been the first discoverer of the anæsthetic powers of sulphuric ether and their application in surgery. In addition to this it involved the question who was the rightful claimant of a hundred thousand dollars awarded by the United States Government to

[1] On the question of the use of anæsthetics by the ancients the reader may consult with advantage a very interesting paper by Dr. T. M. Madden in *Dublin Journ. Med. Sci.*, Jan., 1875, entitled "Notes on the Probable Employment of Anæsthetics in Ancient Times, especially in Scotland and Ireland." See also "Atropa Mandragora," Silvester, 1848.

the discoverer of anæsthesia. A full *résumé* of the contents of these two pamphlets is given in *London Med. Gazette*, Nov. 26, 1847, p. 941.

1847. MORTON, W. Mémoire sur la découverte du nouvel emploi de l'Éther Sulfurique. Paris, 8vo.

1847. JACKSON, J. B. S. Review of Dr. M. Gay's statement as to Dr. C. T. Jackson's claims to the discovery of the Inhalation of Sulphuric Ether as a preventive of pain. Boston, U.S. 8vo.

1848. BIGELOW, H. J. Ether and Chloroform. A compendium of their history and discovery. Boston, 8vo.

1848. DANA, R. H. The Ether Discovery. Boston, 8vo. *Bibl. Med.-Chir. Soc.*

On the claims of Dr. Jackson and Dr. Morton, in favour of the latter.

1848. LORD, J. L. et H. C. Défense des droits du Dr. C. T. Jackson à la découverte de l'Éthérisation. Paris, 8vo, pp. 136.

1853. MORTON, W. Statements supported by evidence on his claim to the discovery of the Anæsthetic Properties of Ether. Washington, U.S. 8vo.

1859. SMITH, TRUMAN. An examination of the question of Anæsthesia, arising from the Memorial of C. T. Wells to the United States Senate. New York, U.S., 8vo.

1868. SHAW, S. PARSONS. Who discovered Anæsthesia? Pamphlet. London and Manchester, 8vo. *Bibl. Pharm. Soc. Lond.*

In favour of the claims of Horace Wells.

1868. (Anon.) History of Anæsthetics from an American point of view. Pamphlet. Edinburgh, 8vo.

1870. BIGELOW, J. Ether and Chloroform. A Letter addressed to Sir J. Y. Simpson. (Ex *Boston Med. and Surg. Journ.*, March, 1870.) Pamphlet. Boston and Edinb. 8vo.

1870. WALDIE, D. The true Story of the Introduction of Chloroform into Anæsthetics; with remarks by G. Waldie. Linlithgow, 8vo, pp. 27.

1870. SIMPSON, Sir J. Y. History of Modern Anæsthetics. A Second Letter to Dr. Jacob Bigelow. Edinb. 8vo, pp. 15. *Bibl. Med.-Chir. Soc.*

The three last-named pamphlets have all reference to questions of priority on certain points connected with the early history of anæsthetics. The student curious in these matters will find them stated with clearness and impartiality in a review on these pamphlets in *Edin. Med. Journ.*, Nov., 1870, p. 439-442.

Sir J. Y. Simpson's admirable and conclusive letter penned during his last illness, is reprinted in the second volume of his collected works, 1871.

1872. SMITH, T. (TRUMAN ?). An Inquiry into the Origin of Modern Anæsthesia, with a portrait and biography of Horace Wells. (London ?) Hartford, 8vo, pp. 166.

LOCAL ANÆSTHETICS, including CONGELATION.

1848. SIMPSON, Sir J. Y. Local Anæsthesia: notes on its artificial production by Chloroform, &c., in the lower animals and in man. Worcester, 8vo. *Bibl. Coll. Phys. Edin.*

1849. ARNOTT, J. On the Treatment of Headaches by Benumbing Cold, with an account of other remedial and anæsthetic uses of Congelation. Brighton, 8vo, pp. 54.

1851. ARNOTT, J. The Treatment of Cancer by the regulated application of an Anæsthetic Temperature. London, 8vo, pp. 32. Second ed. 1855, pp. 64.

1852. ARNOTT, J. Contributions to practical medicine and surgery, including the use of intense Cold as a local Anæsthetic, &c. London, 8vo, pp. 58.

1852. ARNOTT, J. The Local Application of a Benumbing or Congealing Temperature in inflammatory, painful, and malignant diseases. London, 8vo.

A small but able volume.—*Dublin Quart. Journ. Med. Sci.*, May, 1853, p. xviii.

1853. HARDY, S. L. On the Local Application of the Vapour of Chloroform, &c. Dublin, 8vo, pp. 15.

To Dr. Hardy, of Dublin, is due the credit of having been the first to employ local anæsthæsia as induced by the vapour of chloroform, for the application of which he invented an ingenious little instrument. See also *Dublin Quart. Journ. Med. Sci.*, Nov., 1853, p. 306-318. The power of chloroform, locally applied, to relieve pain had been noticed by Mr. Higginson (*Lond. Med. Gaz.*, Jan., 1849) and others anterior to Dr. Hardy.

1854. ARNOTT, J. The Question considered: Is it justifiable to administer Chloroform in Surgical Operations, after its having proved suddenly fatal in upwards of fifty cases, when pain can be safely prevented without loss of consciousness by momentary Benumbing Cold? London, 8vo, pp. 31. *Bibl. Med.-Chir. Soc.*

Dr. Arnott has perseveringly drawn attention to congelation as a local anæsthetic, and he has proved satisfactorily that in certain local inflammations of the skin, as in furunculi, erythema, &c., the application of an extreme degree of cold is a very valuable remedial measure. It is also clear that painless operations may be performed during anæsthesia caused by cold. In endeavouring, however, to make it supersede chloroform altogether, driving the latter, in fact, out of use, as being both dangerous and unnecessary, he is undoubtedly driving his hobby much too far.—*Brit. and For. Med.-Chir. Rev.*, April, 1864, p. 481.

1854. FOUBERT, H. *De l'Anesthésie Locale. Paris, 4to, pp. 48.

The author notices in detail—1, the topical anæsthetics employed by the ancients; 2, compression; 3, narcotics; 4, cold; 5, sulphuric ether; 6, chloroform; 7, liqueur des Hollandais (hydrocarbure de chlore); 8 aldehyde; and 9, benzine. On each of these he offers some observations on their powers of inducing local anæsthesia.

1854. BLUNDELL, W. Painless Tooth Extraction without Chloroform, with observations on Local Anæsthesia by Congelation in general surgery. London, 8vo, pp. 80. Second ed. ibid. 1856.

The object of this work is to inform the world that the author has invented an apparatus by means of which congelation may be effectually applied even for lengthened periods with perfect safety, but no description of the apparatus is given.—*Medical Times and Gaz.*, May, 10, 1856, pp. 469.

1854. BRACHON, G. C. J. *De l'Anesthésie Locale par le Chloroforme et l'Éther. Strasbourg, 4to, pp. 50.

1854. HARDY, S. L. A Practical inquiry on the Vapour of Chloroform as a local application. Dublin, 8vo, pp. 40.

1855. MURELLE, L. S. *De l'Anesthésie Locale par Réfrigération au point de vue chirurgical. Paris, 4to, pp. 40.

1856. WEBB, J. W. On Painless Tooth Extraction and the use of Cold as an Anæsthetic in dental surgery. London, 12mo, pp. 32.

1856. QUINTON, J. R. Painless Tooth Extraction by Congelation. London, 8vo, pp. 154.

One sheet of sixteen octavo pages would hold all that Mr. Quinton has divulged regarding the application of congelation to dentistry.—*Medical Times and Gaz.*, May 10, 1856, p. 469.

1857. GEORGE, J. B. Étude sur l'Anesthésie Locale dans ses applications à l'art dentaire. Paris, 8vo, pp. 31.

Descriptive of a simple and apparently effectual apparatus, invented by the author, for producing local anæsthesia in dental surgery.—*Dublin Quart. Journ. Med. Sci.*, Aug., 1857.

1857. BLAIRE, V. G. *De l'Anesthésie Locale. Paris, 4to, pp. 31.

As local anæsthetics, Dr. Blaire considers—1, narcotics; 2, compression; 3, sulphuric ether; 4, chloroform; 5, ice and refrigerant mixtures; and 6, carbonic acid gas. The last thirteen pages are devoted to the last-named agent, of which he gives a full account, drawn chiefly, however, from the work of M. Follin.

1858. HARRISON, R. E. What is Congelation? or the Benumbing influence of Cold in producing insensibility to pain in surgical operations popularly explained. With remarks on the introduction of a painless system of dental surgery. London, 12mo, pp. 90.

A popular rather than a professional brochure. "Any interesting matter it contains is injured by the amount of vapid trash with which it is invariably accompanied."—*Edin. Med. Journ.*, Jan., 1859, p. 660.

1862. DUCKWORTH, D., et DAVY, R. Observations on some Local Anæsthetics. Edin. 8vo. *Bibl. Med.-Chir. Soc.*

1866. MARC, A. *De l'Anesthésie Locale. Paris, 4to.

1866. LE PLAY, A. *De l'Anesthésie Locale par la pulvérisation de l'Éther, et description d'un nouveau pulvérisateur par le gaz Acide Carbonique. Paris, 4to.

An ingenious and well-written treatise. The author goes briefly but thoroughly into the history of the successive modifications of the idea of producing local anæsthesia. He tells us all about the local action of ether, and strives to show that its anæsthetic effect on the skin is due simply to the cold which it produces, and which paralyses the sensitive nerves. The appendix contains the description of an ingenious instrument in which the pulverisation of the ether is effected, not by hand-propelled air (as usual).

but by a stream of carbonic acid gas generated under a certain pressure. The subject is an interesting and important one, as is pointed out in the *Lancet*, Oct. 27, 1866, p. 471.

1867. GENSOLLEN, C. Essai sur l'Anesthésie Locale et description d'un nouveau pulvérisateur. Montpellier, 8vo, pp. 90.

1867. MARTIN, G. Coup d'œil sur l'Anesthésie Locale au moyen de la pulvérisation de l'Éther. Montpellier, 8vo, pp. 11, tab. i.

1867. HORAND, M. A. Considérations sur la pulvérisation de l'Éther. Lyon, 8vo, pp. 32.

1870. NEIS, C. *De l'Anesthésie Locale par la pulvérisation de l'Éther. Paris, 4to, pp. 34.

1870. THALY, H. D. *De l'Anesthésie Locale dans l'opération de l'Ovariotomie. Montpellier, 4to, pp. 53.

ANALEPTICS.

1618. KUYF, G. J. Dieta Analeptica. Amst. 4to.

1692. RIVINUS, A. Q. *De remediis Analepticis. Lipsiæ, 4to.

1727. VATER, A. *Analepsis rationalis. Vitebergæ, 4to.

1745. ALBERTI, M. *De Analepticis eorumque usu. Halæ, 4to.

1763. GMELIN, G. T. *Diss. de Analepticis quibusdam nobilioribus Cinnamomo, Aniso stellato, et Asafœtida. Resp. S. C. Gmelin. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

ANODYNES.

1699. SINAPIUS, M. A. De remedio Doloris sive materia Anodynorum nec non Opii, &c. Amsterdam, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*

Practici potissimum argumenti. Percurrit varia anodynorum genera, etiam camphoram, allium, carvum, mustum, styracem, lupulum, cannabin.—*Haller, Bibl. Bot.* ii, p. 45.

1724. RUSSEL, P. *De Epilepsia puerili, præcipue de tempore quo exhiberi debent Anodyna in motibus epilepticis. Lugd. Bat. 4to. *Bibl. Acad. Edin.*

1731. TIECHMEYER, G. F. *De Anodynis quibusdam spiritibus mineralibus. Jenæ, 4to.

1735. MICHAEL, G. A. De Anodynorum virtutibus Venenorum. Wittembergæ, 4to. *Bibl. Med.-Soc. Lond.*

1747. HAMBERGER, G. A. *De Anodynis strictè sic dictis. Jenæ, 4to.

1745. PFANN, M. G. *De modo agendi medicamentorum Anodynorum. Erlangæ, 4to.

1760. JUNKER, F. C. *De præparationibus ac dosibus Anodynorum prudenter observandis. Halæ, 4to. *Bibl. Roy.*

See also "Narcotics" and "Sedatives."

ANTACIDS AND ABSORBENTS.

1740. GRAEUWEN, P. *De Antacidis terrestibus. Lugd. Bat. 4to. *Bibl. Med. Soc. Lond.*

1769. RICKMANN, C. *De usu et abusu Medicamentorum terreorum Absorbentium. Jenæ, 4to. *Bibl. Roy.*

ANTHELMINTICS.

1698. HOFFMANN, F. De Anthelmintics. In *Opus Supplementum*, ii, p. 663. Halæ, 4to.

1715. LE CLERC (CLERICUS), D. Historia naturalis et medica Latorum Lumbricorum intra hominem et alia animalia nascentium...et de remediis quibus expelli possunt disquisitio. Geneva, 4to, pp. 465, cum figs. *Bibl. Med.-Chir. Soc.*

Spoken of by Alston as "a standard book almost exhausting the subject." The "medicamenta simplicia adversus lumbricos" amount to 416; viz. 18 mineral, 368 vegetable, and 50 animal substances. On these the author offers remarks, approving of some, condemning many; to these he appends many observations and experiments from Redi, &c., relative to these parasites. —*Alston, Mat. Med.*, i, p. 56.

1742. LISCHVITZ, J. C. Diss. sistens Plantas Anthelminticas, &c. Resp. J. C. F. Tzscheppius. Kilonii, 4to, pp. 108. *Bibl. Banks.*

Magnus libellus, quo plurimæ plantæ describuntur quæ utcunque adversus vermes a quoquam laudatæ fuissent, etiam Chrysoplenium, Hyssopus, &c.—*Haller, Bibl. Bot.*, ii, pp. 194.

1748. BUECHNER, C. E. *De Anthelminticorum usu, &c. Resp. G. G. Mentzel. Halæ, 4to.

1751. FISCHER, J. G. De Anthelmintico priori anno invento. Erfordiæ, 4to.

De aqua expressa aut extracto aquoso nucum juglandium.—*Haller Bibl. Bot.* ii, p. 406.

1765. VOGEL, R. N. *De usu Vomitorium ad ejiciendos Vermes. Resp. J. Rohn. Gottingæ, 4to.

1778. HULME, N. Remedy for the Stone, Gravel, &c., and for the destruction of Worms in the Human Body. London, 4to. *Bibl. Med.-Chir. Soc.*

1779. HARTMANN, —. See "Acids."

1782. BLOCH, M. E. Abhandlung von der Erzeugung der Eingeweidewürmer, &c. Berlin, 4to, plates. A French transl. 'Traité de la Génération des Vers des Intestins, et des Vermifuges.' Strasbourg, 8vo, plates, 1788. *Bibl. Med.-Chir. Soc.* (both).

1783. ABRAHAMSON, or ABRAHAM, MEYER. *Cautelæ Anthelminticorum in paroxysmis verminosis, &c. Gottingæ, 4to, pp. 30. *Bibl. Med. Chir. Soc.*

1784. SCHÄEFFER, J. *Diss. sistens Anthelmintica regni vegetabilis. Idem. *Schlegel, Thes. Mat. Med.*, vol. ii, art. xviii, p. 127.
Altdorfii, 8vo, pp. 98.
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).

Consists mainly of a catalogue, arranged on the Linnean system, of 212 plants to which vermifuge properties have been assigned by various writers whose names with other particulars are given in foot-notes.

1795. WEIGEL, C. E. VON. *Programma de Anthelminticis et euporisto contra Tæniam. Gryphisvaldiæ, 4to.

1800. USENER, F. P. G. *De Remediis Anthelminticis roborantibus. Erfordiæ, 4to.

1800. CHAMBERLAINE, W. On the Efficacy of Stizolobium or Cowhage, &c. (See "Mucuna pruriens"). To which are added Observations on some other indigenous Anthelmintics of the West Indies. London, 8vo, pp. 90. Tenth ed. ibid. 1812.
Bibl. Med.-Chir. Soc. (ed. 1812).

These observations on West Indian anthelmintics do not occur in the earlier editions of this work. Only three are mentioned, and these very cursorily:—1. Wormgrass (*Spigelia Marilandica*, Linn.) 2. Bastard or wild Ipecacuanha (*Euphorbia Ipecacuanha*, Linn); and 3. Bastard Cabbage tree (*Andira inermis*, Kunth). With regard to the last named, it is stated that the bark of that only which is called the *Female* Bastard Cabbage Tree is applied to medical use.

1826. WOLF, H. H. *De remediis methodisque quibusdam contra Tæniam adhibitis. Berol. 8vo, pp. 29.

1826. WILMANNS, C. A. Commentatio de Anthelminticis regni vegetabilis. Göttingæ, 4to, pp. 59.

1826. WACKENRODER, H. W. F. De Anthelminticis regni vegetabilis, respectu imprimis habito cum ad plantas a quibus ea desumenda, tum ad partes constituentes, nominatim eas quibus earum vires adscribendæ sunt. Gottingæ, 4to, pp. 68.

To this work was awarded the Göttingen prize for 1826. The author enumerates 100 vegetable anthelmintics, of many of which he gives an elaborate chemical analysis with the view of fixing the nature of their active principles.—*Edin. Med. Surg. Journ.*, xxxi, p. 183.

1828. RHIND, W. On the Nature and Cure of Intestinal Worms . . . containing the most approved methods of treatment as practised in this country and on the Continent. London, 8vo, pp. 152 with 6 plates. *Bibl. Coll. Phys. Edin.*

This essay is more likely to interest the physician versed in natural history than the practitioner in the acquirement of new practical knowledge. It does not contain anything novel with regard to anthelmintics. The drawings which accompany the work add greatly to its value.—*American Journ. Med. Sci.*, iv, 1829, p. 180.

1830. DOCTOR, A. L. *De variis auctorum methodis Tæniam solium et Bothriocephalum latum e corpore vivo expellendi.
Vindob. 4to, pp. xii, 26.

1833. GERLACH, J. *De Tænia solio expellenda.
Berol. 4to, pp. 42.

1834. WOZNIAKOWSKI, L. *De remediis et methodis Anthelminticis. Cracov. 8vo, pp. 71.

1843. KLEINER, J. De Medicamentis usitatis contra Ascarides, præcipue de Semine Cinæ, &c. Turici, 8vo, pp. 24.

1851. MEYER-AHRENS, C. Die Blüten des Kossobaumes, die Rinde der Musenna, und einige andere Abessinische Mittel gegen den Bandwurm, &c. Zurich, 8vo, pp. 91.

An account of the three principal anthelmintics in use in Abyssinia, viz. "Coussou," "Abbatsjogo," and "Bisenna," was published in 1841 by M. Aubert in *Mém. de l'Acad. Royale de Méd. Paris*, tom. ix.

1859. WEINLAND, D. F. An Essay on Tapeworms, &c., and the remedies which have proved successful in modern practice. Cambridge, U.S., 8vo, pp. 103.

1860. WARING, E. J. Notes on some of the principal indigenous Anthelmintics of India. Reprint from *Indian Annals of Med. Science*, vol vi, 1859, p. 371. Calcutta, 8vo, pp. 25.

The principal anthelmintics mentioned in this paper are Pomegranate root-bark, Kamala, the seeds of Butea frondosa, the exudation of Melanorrhœa usitatissima (Theet-tsee or Black Varnish of the Burmese), the Burmese Bamboo or Worm Fungus (Than-mo), the seeds of Quisqualis Indica, the milky juice of Carica Papaya, the seeds of Vernonia anthelmintica, and Gisekia pharmaceoides. In addition to these, several minor indigenous remedies of the same class, all of Indian origin, are noticed. In each case the information has been drawn from both native and European sources.

1872. COBBOLD, T. SPENCER. Worms: a series of Lectures on Practical Helminthology . . . with cases illustrating the symptoms, diagnosis, and treatment of internal parasitic diseases. London, 8vo, pp. 178. Italian transl. by D. T. Tommasi, Florence. Milan, 8vo, 1873.

A very practical and useful little volume.—*Brit. and For. Med.-Chir. Rev.*, July, 1872, p. 156.

Although the information regarding anthelmintics presents little that is novel, the author's remarks on them, and his experience with them, have peculiar value, as emanating from an able scientific observer and the first helminthologist of the age. The author's views on tæniæcides are set forth more fully in his work on Tapeworms, London, 3rd ed., 1875, 8vo.

1874. VALLA, F. Sul trattamento Antelmintico nel Cholera-morbus. Mortara, 8vo, pp. 36.

ANTI-EPILEPTICS.

1692. RIVINUS, A. Q. *De remediis Anti-epilepticis. Lipsiæ, 4to.

1725. VATER, A. De specificorum Anti-epilepticorum, sigillatim Olei Animalis virtutibus. Wittembergæ, 4to.

1749. WERNER, J. G. Observationes circa nonnulla remedia Anti-epileptica usitatiora. Regiomonti, 4to.

1756. SAMSON, P. De Epilepsia et præcipuis ejusdem sic dictis specificis. Helmstad. 4to.

1759. WYK DE VOS, N. VAN. Diss. sistens specificorum Anti-epilepticorum vanitatem. Lugd. Bat. 4to. *Bibl. Roy.*

1787. MILLAR, F. X. *De medicamentis Anti-epilepticis. Argentorati, 4to, pp. 40.

1787. RAEÜMENT, C. B. A. *Diss. exhibens varias Epilepsiæ medendi methodos. Præs. P. J. Hartmann. Traject. ad Viad. 4to, pp. 20.

1792. MAURER, F. W. *Commentatio de medicamentis Anti-epilepticis. Marburgi, 8vo. *Bibl. Acad. Edin.*

ANTIPERIODICS.

1785. GUMPERTZ, B. P. *De medicamentis quæ in Febrium Intermittentium curatione proficua sunt. Præs. J. C. Mayer. Traject. ad Viad. 4to, pp. 36.

1786. VAULONNE, —. Des Fièvres Intermittentes...et des Fébrifuges qui peuvent être employés avec avantage et sans danger pour les malades. Avignon, 8vo, pp. 186.

1828. TRESLING, J. B. De nonnullis vegetabilium principiis Alcaloideis, aut substantiis Antifebrilibus, imprimis cum Alcaloideis Corticis Peruviani comparatis. Groningen, 8vo. *Bibl. Roy.*

1856. MACPHERSON, J. Quinine and Antiperiodics in their therapeutic relations. Calcutta, 8vo, pp. 197.

An instructive and valuable essay.

1858. STRUBEL, A. *Ueber die Fiebermittel. Würzburg, 8vo, pp. 23.

See also "Febrifuges."

ANTIPHLOGISTICS AND ANTIPYRETICS.

1768. BUECHNER, A. E. De methodo Antiphlogistica in genere. Halæ, 4to.

1775. BYAM, R. *De administratione Antiphlogistica. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1780. RICHTER, A. G. *De remediis Antiphlogisticis externis. Gottingæ, 4to. *Bibl. Roy.*

1790. SCHROEDER, F. E. *De methodo Refrigerante et Antiphlogisticâ. Erfordii, 4to, pp. 18.

1800. WESTMANN, S. A. *De regimine Antiphlogistico. Præs. Engelhart. Lundæ, 4to, pp. 16.

1809. TURNER, J. *De regimine Antiphlogistico. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1820. ZIMMERMANN, C. G. *De methodo Antiphlogistica strictius definienda. Berol. 8vo, pp. 33.

1824. OLMADE, —. Appréciation de la méthode Antiphlogistique dans le traitement de quelques lésions organiques. Paris, 8vo.

1826. PALAIS, B. Sur la Colique Métallique . . . ou Exposition de

la méthode Antiphlogistique appliquée à cette maladie et employée avec succès dans les hôpitaux de Paris. Paris, 8vo, pp. 136.

1826. Boehr, C. J. *De methodo Antiphlogistica. Berol. 8vo, pp. 28.

1826. Dance, J. B. H. *Confertne Aneurismati Cordis activo Antiphlogistica medicatio? confertne passivo? Paris, 4to.

1827. Oppenheim, F. W. Die Behandlung der Lustseuche ohne Quecksilber, oder die nicht merkuriellen Mittel und Methoden zur Heilung der Lustseuche. Nebst einem kurzen Bericht über die Anwendung der antiphlogistischen Methode gegen diese Krankheit im allg. Krankenhause zu Hamburg. Hamburg, 8vo, pp. 289, tab. i.

The author was one of the first to advocate the antiphlogistic in place of the mercurial mode of treatment of syphilis. In this volume he has brought together a large mass of evidence in support of his views. He maintains "that when the treatment of syphilis by antiphlogistic remedies alone shall be generally adopted the beneficial effects will be scarcely less than those produced by the discovery of vaccination."—*Dublin Journ. Med. Sci.*, vol. xii, 1838, p. 46.

1828. Braun, H. *De Syphilide Antiphlogistica tractatione curanda. Bonnæ.

1830. Petit, A. La Syphilis . . . les moyens Antiphlogistiques doivent-ils dans tous les cas être préférés au Mercure dans le traitement de cette maladie, &c. Paris, 8vo, pp. 66.

1830. Foucart, J. B. Sur l'utilité des Antiphlogistiques dans le traitement des Plaies et lésions des Articulations. Paris, 8vo, pp. 35.

1831. Weiss, L. S. *Cura Syphilidis Antiphlogistica. Berol. 8vo, pp. 26.

1831. Groffe, A. *De Antiphlogistica in Syphilide curanda methodo. Berol. 8vo, pp. 27.

1833. Poujol, F. A. Essai de Thérapeutique . . . suivi d'un coup d'œil sur l'emploi des Antiphlogistiques. Paris et Montpellier, 8vo.

1836. Versen, A. J. De methodo Antiphlogistica. Berol. 8vo. *Bibl. Coll. Surg. Lond.*

1836. Devergie, M. N. Le traitement Antiphlogistique des Maladies Vénériennes. Paris, 8vo, pp. 38.

1836. Loewensohn, S. *De methodi Antiphlogisticæ historia. Lipsiæ, 8vo.

1837. Hildebrandt, E. *De notione methodi Antiphlogisticæ nonnulla. Berol. 8vo, pp. 32.

1837. Hollstein, L. De methodo Antiphlogistica, remediisque quæ illa amplectitur. Berol. 8vo, pp. 199.

1838. Giraudeau de Saint-Gervais, —. Des Maladies Syphili-

tiques . . . suivi des observations sur les dangers du Mercure et sur l'insuffisance des Antiphlogistiques. Paris, 8vo. Deuxième éd. 1841, 8vo, pp. 725, avec planch. col.

1848. BOGGIE, J. Observations on Hospital Gangrene . . . to which is appended cases showing how extensively applicable the Antiphlogistic Treatment is to other diseases, &c. London, 8vo, pp. 151. *Bibl. Med.-Chir. Soc.*

This essay is intended to demonstrate the great superiority of the antiphlogistic method of treatment, not only in hospital gangrene, but in a large number of other cases. It is written with great sense and judgment, and is certainly the most instructive on the subject on which it treats in the English language.—*Edin. Med. Surg. Journal*, Oct., 1848, p. 467-477.

1862. WILLIGENS, J. W. *Sur la Médication Antipyrétique. Strasbourg, 4to, pp. 22.

1869. PAPILLON, E. De la Médication Antiphlogistique et Antipyrétique. Strasbourg, 8vo, pp. 84, cum tab. i.

1869. FERRAND, A. *De la Médication Antipyrétique. Paris, 8vo, pp. 90.

A repository of a large amount of accurate and careful thought and observation on the nature and the remedies of the pyrexial state.—*Practitioner*, May, 1869, p. 296.

1872. DONATI, P. Tre casi di Eclampsia felicemente trattati col metodo Antiflogistico. Padova, 8vo, pp. 8.

ANTISCORBUTICS.

1642. FALCONET, A. Moyens préservatifs, et méthode assurée pour la connaissance et la guérison du Scorbut. Lyon, 8vo; ibid. 1864, 8vo.

Abstract in *Haller, Bibl. Med. Pract.*, ii, p. 686.

1710. MIEG, J. R. Diss. de Nasturcinarum plantarum structurâ viribus et usu in vitâ humanâ salubri. Bâle, 4to.

Especially advocates plants of the genus Nasturtium as antiscorbutics.

1766. ALTMANN, K. N. Analysis plantarum Antiscorbuticarum, et tentamen, num in iis sal volatilis alcalinus præexistat? Vienna, 8vo, pp. 40.

Short abstract in *Haller, Bibl. Bot.*, ii, p. 569.

1782. GUILLEMIN, N. *De Antiscorbuticis. Resp. J. G. Virot, Nanceii, 4to.

1792. TROTTER, T. Observations on Scurvy, being an attempt to investigate the principle in recent vegetable matter which alone has been found effectual in the treatment of that disease. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*

1803. KERAUDREN, P. F. *Sur le Scorbut, avec un tableau des moyens antiscorbutiques. Paris, 4to, pp. 76.

1805. SHANNON, R. Observations on the Operation of certain Medicines in diseases of hot climates and the prevention and cure of Scurvy. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*

1807. WOLTERS, H. *De natura et usu plantarum acrium in Scorbuto utilium. Groningæ, 4to.

ANTISEPTICS.

1752. PRINGLE, J. Experiments on Septic and Antiseptic substances. Appended to his 'Observations on Diseases of the Army.' *Bibl.Med.-Chir. Soc.; Coll. Phys. Edin.*

1764. MACBRIDE, D. On Antiseptics, in 'Experimental Essays.' *Vide* "Carbonic Acid," 1764.

1769. BOISSEAU, B. C., BORDENAVE T., et GODART, J. Dissertations sur les Antiseptiques, qui concoururent pour le Prix proposé par l'Académie des Sciences de Dijon en 1767. Dijon et Paris, 8vo. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.*

1769. GODWIN, J. Septicologie, ou Dissertation sur les Antiseptiques. Dijon et Paris, 8vo. *Bibl. Acad. Edin.*

1770. ALEXANDER, W. Experimental Essays: on Antiseptics, &c. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1773. HENRY, T. On Antiseptic Substances. *Vide* "Magnesia," 1773.

1774. CARTHEUSER. J. F. *De remediis Antisepticis. Traject. ad Viad. 4to.

1775. CALLISEN, H. * De Antisepticis. Hafniæ, 4to.

1776. BUCHOLZ, C. F. Chym. Versuche über einige der neuesten einheimischen antiseptischen Substanzen. Weimar, 8vo.

1781. MUGIS, P. N. *De Antisepticis proprie dictis. Nanceii, 4to.

1782. GREWE, T. *De putridine et Antisepticis. Duisburgi, 4to.

1831. KAISER, J. *Experimenta ad comparandam vim Antisepticam Aceti, Nitri, Salis communis, et Chloreti Calcis, instituta. Budæ, 8vo, pp. 43.

1869. MOURSOU, J. *De la Médication Antiseptique dans la Fièvre Typhoïde, &c. Paris, 4to.

1869. LISTER, J. Observations on Ligatures of Arteries on the Antiseptic System. Edin. 8vo, pp. 14; idem, corrected, Feb. 1870, pp. 16.

The writings of Prof. Lister, who may justly be regarded as the founder of the modern antiseptic system in surgery, date from his address to the Medico-Chirurgical Society of Glasgow in July, 1868 (*Brit. Med. Journ.*, July 18th, 1868), to the present date. They consist mostly of communications to the medical journals or periodicals of the day, *e. g. British Med. Journ.*, Jan. 14, 1871, *Edin. Med. Journ.*, Sept., 1875, p. 193 *et seq.*, &c.

1869. MACCORMAC, W. On the Antiseptic Treatment of Wounds. Reprinted from *Dublin Quart. Med. Journ.*, Feb. 1869. Dublin, 8vo, pp. 13.

Contains seven cases of severe injury treated by carbolic acid applications, which the author has used in various ways to wounds, abscesses, venereal sores, phagedænic and other ulcers, usually with "satisfactory and encouraging results." But it is in severe wounds and compound fractures that he believes

the efficacy of Prof. Lister's treatment is best shown.—*Medical Times and Gazette*, May 1, 1869, p. 477.

1870. LISTER, J. On the effects of the Antiseptic System of Treatment upon the Salubrity of a Surgical Hospital. Edin. 8vo, pp. 20. *Bibl. Med.-Chir. Soc.*

1871. SANSOM, A. E. The Antiseptic System: a treatise on Carbolic Acid and its compounds . . . the theory and practice of Disinfection, and the practical application of Antiseptics, especially in medicine and surgery. London, 8vo, pp. 351. *Bibl. Med.-Chir. Soc.*

A highly thoughtful essay, which, while it elaborately investigates the claims of carbolic acid and the carbolates to a prominent place among disinfectants, also courageously attacks the great questions respecting the nature of putrefactive processes which are inextricably bound up with the further vast inquiry whether life does or does not ever result from other sources besides pre-existing germs. Dr. Sansom ranges himself upon the side of the germ-theorists, and although his arguments are not absolutely convincing, it may be allowed that he deals the heterogenists some hard blows. . . . To obviate the practical inconveniences attendant on the internal administration of carbolic acid, Dr. Sansom proposes to substitute a variety of sulphocarbolates, and the last thirty pages of his volume contain a *résumé* of all that has been established by his own experience and that of his friends respecting their therapeutic influence.—*Practitioner*, Aug., 1871, p. 105-6.

1871. DOUGALL, J. On the relative powers of various substances in preventing the generation of Animalculæ, or the development of their germs, with special reference to the Germ-theory of Putrefaction. London, 8vo, pamphlet.

The author details in this pamphlet a large number of experiments with the view of testing the relative powers of the various substances used as antiseptics. Amongst them he places chromic acid first, regarding it as an antiseptic of surpassing power, which ere long must take a foremost place as a sanitary agent, an excellent deodorant, and possessing double the antiseptic power of carbolic acid. He does not hold with the germ-theory of putrefaction.—*Lancet*, Jan. 6, 1872, p. 15.

1871. LUND, E. Antisepticity in Surgery. Manchester, 8vo, pp. 16.

A reprint of a paper read before the British Medical Association in 1871. In it the author maintains the chemical theory of suppuration in preference to the theory of germs. He considers the antiseptic as essentially prophylactic treatment, and one which to be effectual must be applied from the beginning, before chemical change has even been set up. The dressing he prefers is the carbolized muslin introduced by Professor Lister.—*Dublin Journ. Med. Sci.*, Sept., 1875, pp. 229. An excellent and sensible paper.—*Lancet*, Feb. 17, 1872.

1871. LUND, E. Observations on some of the more recent methods of treating Wounds, &c. Manchester, 8vo.

This pamphlet discusses the principles of the "antiseptic" treatment in a thoughtful manner, and gives some hints in matters of detail which may prove very useful to those who are striving to carry out that method of treatment.—*Practitioner*, Feb., 1871, pp. 105.

1871. DEWAR, J. Rheumatism and Rheumatic Gout treated on Antiseptic principles. Edin. 8vo, pp. 14.

The object of this brochure is to prove the good effects of sulphurous acid in cases of rheumatism and rheumatic gout, and eight cases are given illustrative of its beneficial action, the dose varying from forty minims to a dessert-spoonful, diluted, every two, three, or four hours. In some cases, in addition to its internal administration, it was applied externally, the joints being swathed in lint soaked in the acid, and covered with gutta percha. The cases, told simply, plainly, and without unnecessary detail, speak strongly in favour of the remedy.—*Medical Times and Gaz.*, May, 13, 1875.

1871. CAMERON, C. A. *Vide* "Disinfectants."

1873. SCHULTZE, A. W. Ueber Lister's antiseptische Wundbehandlung. (*Volkmann's Sammlung*, No. 52.) Leipzig, 8vo. *Bibl. Med.-Chir. Soc.*

1873. CUMMING, J. An Inquiry into the theory and practice of Antiseptic Surgery. Edin.

A sensible and well-written little book. After considering the germ-theory and the various agents which can either destroy these organisms or at least prevent their development, the author traces the rise and progress of the application of antiseptic agents in surgery up to the spring of 1865, when Prof. Lister first used carbolic acid on the antiseptic principle in a case of compound fracture. Then follows much practical information and the author's own experience in the use of antiseptics in surgery.—*Lancet*, Aug. 9, 1873, p. 193.

1873. ZAYAS-BAZAN, F. DE. *Sur le système de Traitement Antiseptique tel qu'il est pratiqué par les Anglais, et principalement par le Dr. Lister d'Edimbourg. Paris, 4to.

1874. CLEMENTI, G. Sulla medicatura Antiseptica alla Lister in Chirurgia. Catania.

This is a short account of the origin and development of Professor Lister's views on antiseptic surgery, written for the benefit of his countrymen by an Italian who visited Edinburgh and saw for himself how the antiseptic treatment was employed by its author and elaborator. He expresses himself strongly in its favour.—*Medical Times and Gaz.*, Jan. 26, 1875.

1874. M'DONNELL, R. Lecture on Antiseptics and Disinfectants. Dublin, 8vo, pamphlet.

For a comprehensive sketch of the history and position at this date of the question of the use of antiseptics in surgery, see *British and Foreign Med.-Chir. Rev.*, July, 1874, pp. 16, and Oct., 1875, pp. 253-281.

1875. BOULOUMIE, P. Les Vibrioniens dans le pus des plaies et des abcès, et les pansements Antiseptiques. Paris, 8vo, pp. 16.

1875. FLECK, H. Benzoësäure, Carbolsäure, Salicylsäure, Zimmetsäure: vergleichende Versuche zur Feststellung des Werthes der Salicylsäure als Desinfectionsmittel. München, 8vo, pp. 80.

1875. MEYER, E. VON, et KOLBE, H. Versuche über die gährungshemmende Wirkung der Salicylsäure und anderer aromatischen Säuren. Leipzig, 8vo, pp. 21.

1875. KOLBE, H. Abweisung nicht begründeter Urtheile von Halbchemikern über die antiseptischen Eigenschaften der Salicylsäure. Ueber die antiseptischen Wirkungen der Salicylsäure und Benzoësäure in Bierwürzen und Harn; von E. V. Meyer und H. Kolbe. Leipzig, 8vo, pp. 43.

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1765. GODART, G. L. Sur des Antispasmodiques proprement dits. (Crowned by the Academy of Dijon.) Paris, 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1769. NONNE, J. P. De Antispasmodicorum modo agendi et usu. Erfordiæ, 4to.

1800. SPROEDE, J. G. L. *De medicamentis Antispasmodicis. Lipsiæ, 8vo, pp. 22.

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1786. TURNBULL, W. An Inquiry into the origin and antiquity of the Lues Venerea. To which is added a short view of the various Remedies recommended in that distemper, from its first appearance in Europe to these times, &c. London, 8vo.

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1800. PEARSON, J. Observations on the effects of various articles of the Materia Medica in the cure of Lues Venerea. London, 8vo. Second ed. ibid. 1807. *Bibl. Med.-Chir. Soc.*

The principal object of this work is, by a close deduction from facts, to remove the uncertainties in which certain practical topics, with regard to the treatment of syphilis, have long been involved.—*Duncan's Ann. of Med.*, vi, 1801, p. 268. It is an unpretending, sensibly written work, and the remarks on the various antisyphilitics are very judicious.

1816. SARFASS, F. W. *De medicamentis Antisyphiliticis. Berol. 4to, pp. 32.

1818. LEBRECHT, L. Pharmacopœa extemporanea Antisyphilitica. Mainz, 8vo, pp. 98.

1822. ALBERS, A. *De præcipuis remediis Antisyphiliticis, Hydrargyri loco commendatis. Berol. 8vo, pp. 46.

1828. WEISE, F. J. H. VON. *De Antisyphiliticis. Berol. 8vo, pp. 20.

1828. PAPIN, G. Notice sur différents moyens successivement employés pour les traitements de la maladie syphilitique depuis son introduction en Europe jusqu'à nos jours, &c.
Paris, 8vo, pp. 60.

1836. DESRUELLES, H. M. J. Traité des maladies Vénériennes comprenant l'examen des théories et des méthodes de traitement qui ont été adoptées dans ces maladies, et principalement la méthode thérapeutique employée à l'Hôpital du Val-de-Grâce.
Paris, 12mo, pp. 668.

Contains a large amount of information on the various remedies regarded as antisyphilitic.

1837. WEINECK, F. F. A. *De natura Syphilidis remediisque Antisyphiliticis recte æstimandis. Lipsiæ, 4to, pp. 20.

1838. HUMANN, J. G. Nosographie des maladies Vénériennes, ou étude comparée des divers agents thérapeutiques qui ont été mis en usage pour combattre ce genre d'affections.
Paris, 8vo, pp. 612.

1839. PARKER, LANGSTON. The modern Treatment of Syphilitic Diseases, containing an account of the new Remedies, with numerous Formulæ for their Preparation and Mode of Administration. London, 12mo, pp. 158. Fifth ed., entirely re-arranged and re-written, London, 1871, 8vo, pp. 168.

A compendious digest of modern practice, more particularly as it is adopted by the head surgeons of the great venereal hospitals in France and Germany. Amongst the modes of treatment described in the work are Malapert's and Cullerier's plan for dispersing bubo by blisters, Biett's management of venereal skin diseases, &c.—*Brit. and For. Med. Rev.*, Oct., 1840, p. 419. The successive editions faithfully represent the progress of syphilitic therapeutics.

1845. PAYAN, P. S. Des remèdes Antisyphilitiques, de leur appréciation et de leur application thérapeutique. Paris, 8vo.

APERIENTS AND LAXATIVES.

1692. PETERMANN, A. De medicamentis alvum Laxantibus.
Lipsiæ, 4to.

1733. LEHRIUS, C. A. B. *De crisi Febrium per alvum, Laxantium que in morbis acutis usu. Argentorati, 4to, pp. 58.
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1737. STAHL, J. J. *Consideratio medicamentorum Aperientium, &c. Resp. — Riedel. Erfordiæ, 4to.

1750. ZEHENPHENNIGH, H. P. S. On the abuse of Aperients. *Vide* "Emetics," 1750.

1781. ORIOT, C. *De Aperientibus propriè dictis. Nanceii, 4to.

1796. GEHRING, F. *Vide* "Purgatives," 1796.

1801. SEIGNETTE, J. W. *De medicamentorum Laxantium abusu in graviditate et puerperio. Göttingen, 4to, pp. 20.

1813. BERGQUIST, J. W. *De Laxantium in febribus usu.
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See also "Purgatives."

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1747. STENTZEL, C. G. *De Cantharidibus et similibus quæ Aphrodisiaca vocantur medicamentis, &c. Resp. C. F. Horn. Wittembergæ, 4to.

1782. GUILLEMIN, N. *De Aphrodisiacis. Resp. C. P. Blaise. Nanceii, 4to

1813. VIREY, J. J. Des médicaments Aphrodisiaques en général et en particulier sur le Dudaim de la Bible. Paris, 8vo, pp. 24.

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1626. BOUVARD, C., et GUILLEMEAU, C. *Non ergo Dysentericis Adstringentia. Paris, 4to.

1635. BAZIN, S., et CAPPON, E. *Ergo Imbecilitati Ventriculi Adstringentia. Paris, 4to.

1685. QUARTIER, C., et GOUEL, F. *Non ergo in quavis Hæmorrhagia admovenda Adstringentia. Paris, 4to.

1707. STAHL, G. E. De Adstringentium cauto usu. Halæ, 4to. Alt. ed. 1723.

1720. KIELMANN, J. F. E. De vulgari abusu et noxis Adstringentium in praxi medica. Traject. ad Rhen. 4to. *Bibl. Roy.*

1729. DENICLER, J. *De Adstringentium perverso in hæmorrhagiis usu et effectu. Præs. M. Alberti. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1734. FIELLTROEM, J. *De abusu Adstringentium in Hæmorrhagiis. Præs. J. J. De Doebel. Lundæ, 4to.

1744. KANNEGIESSER, G. H. De Adstringentium efficaciâ diaphoretica. Kiloniæ, 4to.

1763. BÜCHNER, A. E. De destructâ partium irritabilitate per incongruum Adstringentium usum. Halæ, 4to.

1763. GARLAND, S. *De medicamentis Adstringentibus. Edin. 8vo. *Bibl. Med. Soc. Lond.*

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1781. GUILLEMIN, N. *De Adstringentibus. Resp. J. Moutillard. Nanceii, 4to.

1785. HEINE, J. F. E. *De medicamentis vegetab. Adstringentibus. Gottingæ, 4to, pp. 33. *Bibl. Banks.*

1787. COHAUSEN, J. A. *De modo quo Adstringentia in externa Inflammatione adhibita agunt. Duisburgi, 8vo, pp. 37.

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1801. PAUTREER, —. *Sur l'usage respectif des Astringens et de l'Opium dans les hémorrhagies chroniques. Montpellier, 8vo.

1803. WALKER, J. M. *On Cornus Florida, *q. v.* With an Inquiry into the *modus operandi* of Astringent Vegetables in preventing putrefactive fermentation. Philadelphia, 8vo. Idem in *Caldwell's Amer. Theses*, vol. i, art. xi, pp. 299.
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Contains little or nothing with regard to the *modus operandi* of astringents in general, the experiments and remarks having reference almost exclusively to the action and comparative powers of Cornus florida, C. sericea, and Cinchona.

1807. VOSMAER, J. De Adstringentium natura. Harderovici.

1813. BARILLEAU, C. *Abus des Astringens. Paris, 8vo, pp. 26.

1819. MUNCK, E. Z. *De remediis Adstringentibus. Resp. H. P. Björkman. Lundæ, 4to.

1827. MANKIEWICZ, L. *Diss. med. therapeut. de methodo Adstringenti. Berol. pp. 38.

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1853. ENGEL, L. C. *Histoire naturelle et pharmacologie des médicaments astringents végétaux. Strasbourg, 4to, pp. 36.

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1698. GRIMBERG, N. Collectanea Balsamica contra putrefactiones, ex arbore Pini et Abietis. Amst. 8vo.

1715. HOFFMANN, F. *De medicamentis Balsamicis. Halæ, 4to. Idem Lugd. Bat. 1719, 8vo.

Describit arbusculam et balsamum Gileadense, balsama peregrina alia, juniperum, olea plantarum verticillatarum.—*Haller, Bibl. Bot.*, ii, p. 21.

1764. SCHIRGE, J. D. *De simplicibus Balsamicis et Aromaticis. Præs. J. F. Cartheuser. Francf. ad Viad. 4to. *Bibl. Radcliffe.*

1861. BAIZEAU, —. De la Cystite Hémorrhagique du col compliquant l'uréthrite, et de son traitement par les Balsamiques. (Ex *Recueil des Mém. de Méd. et Chir. Militaires.*)
Paris, 8vo, pp. 12.

1874. BASTIOU, P. *Sur le traitement de la Diphthérie en général et sur l'emploi des Balsamiques en particulier. Paris, 4to; ibid. 8vo, pp. 56. *Bibl. Med.-Chir. Soc.*

1875. JAUMES, A. Blennorrhagie et Balsamiques. Observations et réflexions. Montpellier, 8vo, pp. 32.

1875. TRIDEAU, H. Traitement de l'Angine Couenneuse (Diphthérie du Pharynx) par les Balsamiques. Laval, 8vo, pp. 157.

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BROMIDES (The).

1870. M'ELVOY, Z. C. The Bromides: their physiological effects and therapeutic uses. New York, 8vo.

1871. BARTHOLOW, R. Bromides: their physiological effects and therapeutical uses. Providence, U.S., 8vo, pp. 47.

This essay, to which the Fiske Fund Prize was awarded in 1869, bears evidence of diligent research and careful clinical observation. In it the author studies successively—1, the physiological effects of the bromides in general; 2, the physiological effects of the different bromides compared; 3, their therapeutical effects; 4, their applications in the treatment of disease; 5, the "alterant bromides." (See *Amer. Journ. Med. Sci.*, April, 1872, pp. 505. See also "Bromine," and "Potassii Bromidum.")

CARMINATIVES, CARDIACS, etc.

1699. CRAUSSE DE MELLINGEN, R. G. De Carminativis. Jenæ, 4to.

1707. LAUB, J. De virium debilitate et remediis Cardiacis. Lugd. Bat. 4to.

1715. JACOBI, L. F. *De Carminativorum natura, usu et abusu. Erfordiæ, 4to.

1729. POLENTZ, M. C. *De Cardiacis medicamentis. Præs. L. Heister. Helmstadii, 4to. *Bibl. Med. Soc. Lond.*

1751. STRUVE, C. G. F. De spiritu Carminativo de tribus. Erfordiæ, 4to.

1753. ZIEGLER, C. G. *De Carminativis. Præs. J. F. Cartheuser. Francf. ad Viad. 4to.

1753. JUNCKER, J. A. De cauto et sollicito Carminativorum usu. Halæ, 4to.

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1784. LEONBARDI, J. G. De medicamentis flatûm ventris Absorbentibus. Witembergæ, 4to.

1800. SCHROEDER, J. G. *De methodi physagogæ adminiculis. Halæ, 8vo, pp. 32.

Discusses the origin and treatment of flatulence.—*Callisen.*

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1697. SANDEN, H. *De Causticis medicamentis. Resp.—Francisi. Konisbergiæ, 4to.

1774. GAULTHIER, H. Sur l'usage des Caustiques pour la guérison des Hernies. Paris, 12mo.

1779. CLARE, P. On the cure of Abscess by Caustic. London, 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1808. REMOND, F. M. *Emploi des Caustiques dans quelques maladies. Paris, 4to.

1811. WADD, W. On the best mode of curing Strictures of the Urethra; with remarks on the inefficacy and ill-effects of Caustic applications. New edition, London, 8vo; third ed. ibid. 1826. *Vide* "Argenti Nitras." *Bibl. Med. Soc. Lond.*

1815. SMITH, J. M. E. *Usage et abus des Caustiques. Paris, 4to, pp. 92.

1819. MAZERIEUX, —. *Emploi des Caustiques dans quelques affections gangréneuses de la peau. Paris, 4to.

1822. ABRAHAMSON, M. *Diss. medico-chirurg. de Cauteriis. Berol. 8vo, pp. 80.

1823. BLAZY, P. N. *Traitement des rétrécissemens de l'urèthre par les Caustiques, &c. Paris, 4to.

1823. RIBELL, A. *Exostoses: traitement des rétrécissemens de l'urèthre par le Caustique. Paris, 4to.

1825. SAINT-AMAND, — DE. *Caustiques: leur emploi dans le traitement des polypes vésiculaires des narines et de quelques maladies de la peau. Paris, 4to.

1826. CARLISLE, Sir A. A letter on Blisters, Rubefacients and Escharotics, giving an account of the employment of an instrument adapted to transmit a defined degree of heat to effect these several purposes. London, 12mo. *Bibl. Coll. Surg. Lond.*

1837. PETIT, A. Sur l'emploi du Caustique comme moyen de traitement de la Rétention d'Urine par les rétrécissemens du canal de l'urètre. Paris, 8vo.

1842. CIVIALE, J. Mémoire sur l'emploi des Caustiques dans quelques maladies de l'urètre. Paris, 8vo, pp. 59.

Principally directed to the consideration of the effects of cauterization in cases of stricture . . . towards the end, however, he treats of cauterization as applied to the cure of urethral discharges . . . it contains in a short space much practical information.—*Brit. and For. Med. Rev.*, April, 1843, p. 346.

1855. CANQUOIN, —. Des Caustiques en général et de leur emploi en chirurgie. Paris et Dijon, 8vo, pp. 112; ibid. 1861.

1856. PARKER, LANGSTON. The Treatment of Cancerous Diseases by Caustics, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

Reprint of an address on surgery read before the British Medical Association in 1856. Contains practical remarks on the various caustics, and their comparative value in the treatment of cancer. The conclusion arrived at is that the arsenical pastes and the chloride of zinc are those on which most reliance are to be placed.—*Lancet*, Oct. 11, 1856, p. 409.

1856. PHILIPEAUX, R. Traité pratique de la Cautérisation, d'après l'enseignement clinique de Prof. Bonnet (de Lyon). Paris, 8vo, pp. xx, 626, figs. 67.

1858. PUJO, —. Traitement par les Caustiques des maladies désignées sous les noms divers de nævi materni...tumeurs érectiles, &c. (Ex *Journ. de Méd. de Bordeaux.*) Bordeaux, 8vo, pp. 48.

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1868. BOUGARD, —. Sur la guérison du cancer; Caustiques et opérations sanglantes, &c. Bruxelles, 8vo, pp. 32.

1869. AGER, T. De la Cautérisation dans les maladies chirurgicales. Paris, 8vo, pp. 190.

1869. FONTAGNIÈRES (or FONTAGNÈRES), J. *De l'emploi des flèches Caustiques. Paris, 4to.

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1875. CHÉRON, J. Du traitement des Syphilides papulo-hypertrophiques par la Cautérisation au Nitrate d'Argent activée par le contact du Zinc métallique. Mode d'action de ce nouveau cathérétique. Paris, 8vo, pp. 27.

1875. THIBAULT, T. Du traitement de l'Angine Couenneuse par la Cautérisation. Nantes, 8vo, pp. 23.

CHLORIDES (The).

1825. LABARRAQUE, A. G. De l'emploi des Chlorures d'Oxyde de Sodium et de Chaux. Paris, 8vo, pp. 48. English transl. by J. Scott, London, 1826, 8vo, pp. 36. Alt. (American) by J. Porter, New Haven, U.S., 1829, 8vo, pp. 22; ibid. 1833; ibid. 1840. Dutch transl. by A. H. Van der Boon-Mesch, Leyden, 1825, 8vo. Spanish transl. Paris, 1825. *Bibl. Med.-Chir. Soc.*

1826. DUMAS, F. X. *Des Chlorures d'Oxyde de Calcium et Sodium sous la rapport de leurs propriétés chimiques et médicales. Paris, 4to.

1827. ALCOCK, T. On the use of Chlorurets of Oxide of Sodium and of Lime as powerful Disinfecting Agents; and of the Chloruret of Oxide of Sodium more especially as a remedy of considerable efficacy in hospital gangrene, phagedenic, syphilitic, and ill-conditioned ulcers, mortification, and various other diseases. London, 8vo, pp. 152, with a plate. *Bibl. Coll. Surg. Lond.*

In this essay Mr. Alcock records his personal experience of the powers of the chlorurets drawn from his observations in Paris, and in his own practice, public and private, in this country. Experience has since confirmed most of his statements. See review in *Med.-Chir. Rev.*, April, 1827, p. 349-362.

1827. HASSEL, J. G. F. Cases illustrative of the beneficial effects of the Chlorurets of Oxides of Sodium and Calcium, being the most powerful and effectual general and local Antiseptics in the practice of physic and surgery, &c. London, 8vo, pp. 32.

1827. ROBIN, J. G. *Recherches sur l'emploi du Chlorure de Chaux et du Chlorure de Soude. Paris, 4to.

1828. BONAFOUS, M. Sul Chlorure di Calce ad uso di purificar l'aria, &c. Torino, 8vo, pp. 16.

1828. FINCHAM, F. Compendium of the medicinal properties of the Chlorides of Lime and Soda, and of their uses in destroying noxious effluvia. London, 8vo, pp. 52, with appendix of cases. *Bibl. Med.-Chir. Soc.*

1829. CHEVALLIER, A., BRICHETEAU et COTTEREAU, MM. L'Art de préparer les Chlorures de Chaux, de Soude, et de Potasse, &c.... leur application à l'hygiène publique, à la désinfection des salles des hôpitaux, &c.; terminé par des considérations et des faits sur l'emploi du Chlore dans la Phthisie, &c. Paris, 8vo.

1829. MARESKA, D. B. J. *De Chloritum sive Chloruretorum Oxydorum usu prophylactico et medico. Gandavi, 4to, pp. 40.

1830. GIRTLER, G. Chlorkalk in chem. tech. und anderweitiger Beziehung. Wien, 8vo, pp. 80.

1832. BRONSON, H. Observations on the Chlorides and Chlorine as "Disinfecting Agents," and as preventives of Cholera. Boston, U.S., 8vo, pp. 12.

Dr. Bronson doubts the utility and even safety of these agents as disinfectants, and he has done well in endeavouring to shake the confidence of the public in them as substitutes for real cleanliness.—*Amer. Journ. Med. Sci.* xi, 1832, p. 480.

1833. DUPOUY, P. F. M. *De l'emploi des Chlorures de Chaux et de Soude, sous le point de vue thérapeutique. Paris, 4to, pp. 87.

1843. LECANU, L. R. Documents scientifiques...concernant l'emploi des Chlorures d'Oxyde de Sodium comme moyens d'assainissement. Paris, 8vo.

1869. FOUBERT, —. Traitement de l'Obésité par les eaux Chlorurées Iodiques et par l'eau de mer en particulier. Paris, 8vo, pp. 15.

See also "Chlorine."

CHOLAGOGUES.

1853. JONES, C. HANDFIELD. Observations on the effects of Cholagogue Medicines, and some remarks on morbid changes in the liver. Ex. in *Edinb. Med. Surg. Journ.*, Oct., 1853, pp. 409-36, and *Med.-Chir. Trans.*, vol. XXXV.

A very valuable paper, containing many interesting facts as to the operation of mercury, aloes, colchicum, rhubarb, nitro-hydrochloric acid, &c., on the biliary secretion.

1866. MACLEOD, A. C. Acholic Diseases: comprising Jaundice, Diarrhœa, Dysentery, and Cholera. With a Dissertation on...the action of Cholagogues. London, 8vo, pp. 230.

This work is more characterised by speculative reasoning creative of doubt than by the sounder method of induction from well-established facts, such as is needed to inspire confidence.—*Brit. and For. Med.-Chir. Rev.*, April, 1868, p. 427.

1869. BENNETT, J. H. Researches into the Action of Mercury, Podophylline, and Taraxacum on the Biliary Secretion. *Vide* "Hydrargyrum," 1869. Edin. 8vo.

COUNTER-IRRITANTS. See DERIVATIVES.

CYANIDES AND CYANURETS (The).

1872. MASSUL, —. *Recherches sur les propriétés physiologiques de quelques composés du Cyanogène. Paris, 4to.

1875. LUTON, A. Emploi des Cyanures contre Rhumatisme articulaire aigu. (Ex *Bull. Gén. de Thérap.*, Jan., 15, 1875.) Paris, 8vo, pp. 15.

Dr. Luton advocates the use of the cyanides, especially those of zinc and potassium, in the treatment of acute articular rheumatism. An abstract of his observations is given in *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 504-5.

DERIVATIVES, including REVULSIVES AND COUNTER-IRRITANTS.

1604. SENNERTUS, D. De Revulsione et Derivatione. Wittebergæ, 4to.

1700. GOHLIUS, J. D. *Epistola de motus tonici demonstratione per Revulsionem et Diversionem veterum. Halæ, 4to.

1709. GOELICKE, A. O. *De Revellentibus et Derivantibus veterum eorumque rationali explicatione. Halæ, 4to.

Several other works on derivatives under this author's name are given by Haller, *Bibl. Med. Pract.*, iv, p. 407-8.

1750. BOLTEN, J. C. De Revulsionibus generatim. Halæ Magd. 4to. *Bibl. Coll. Surg. Lond.*

1754. WATTS, G. Dissertation on the ancient and noted doctrine of Revulsion and Derivation. London, 8vo. *Bibl. Med.-Chir. Soc.*

A work now become antiquated. Between it and Dr. Jenner's work on artificial eruptions in 1822 (*infrà*) no British book on this subject of any mark appeared, whilst from the presses of Germany, Italy, and especially of France, the subject received that ample attention which its importance merited.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1839, p. 56.

1784. MRASER, W. *De lege Revulsionis ac Derivationis. Pragæ, 8vo.

1787. GERICKE, J. V. *Diss. sistens Derivationis et Revulsionis historiam et præsidia. Jenæ, 4to, pp. 23.

1787. BALK, D. G. *De Derivantibus. Regiomonti, 4to.

1802. HOCHSTETTER, C. H. *Observationes quædam veritatem methodi Revulsoriæ spectantes. Præs. J. H. F. Autenrieth. Tubingæ, pp. 20.

1816. BOUCHAUD, C. F. G. *Emploi des Dérivatifs externes dans le traitement des Maladies internes. Paris, 4to, pp. 78.

1822. JENNER, E. A Letter on the Influence of Artificial Eruptions in certain diseases incidental to the human body, with an inquiry respecting the probable advantages to be derived from further experiments. London, 4to, pp. 67. Dutch transl. Rotterdam, 1822, 8vo. *Bibl. Med.-Chir. Soc.*

Contains many important reflections on an interesting subject, namely, the employment of counter-irritants or revulsives. See review in *Edin. Med. Surg. Journ.*, xviii, Oct., 1822, p. 593-601. See also "Antimonium Tartarizatum," 1822.

1822. MAILLARD, P. A. C. *Série des propositions sur la Révulsion. Paris, 4to.

1822. BACON, R. H. *Proposition sur la Révulsion. Paris, 4to.

1829. FLETCHER, J. On the action of remedies reputedly Revulsive in the cure of Inflammation. Edin. 8vo. *Bibl. Med. Soc. Edin.*

1830. LINDSTRÖM, J. N. *Affectiones Sympatheticæ in morbis corporis æstimaturæ, respectu imprimis habito ad Revulsionem, et medicamina quæ appellantur Derivantia. Resp. E. Sköldborg. Upsaliæ, 4to.

1830. LANG, J. N. *De cutis ejusque Irritamentorum therapeuticorum dignitate. Erlangæ, 8vo, pp. 32.

1831. STOLLBOHM, F. W. *De methodo Derivante. Kiliæ, 8vo, pp. 31.

1832. GONDRET, L. F. *Des effets de la Dérivation, &c. Paris, 8vo. Second ed. 1834. See also 1837.

1832. EPPS, J. Counter-action viewed as a means of cure, with remarks on the uses of the Issue. London, 8vo, pp. 69. *Bibl. Med.-Chir. Soc.*

Written in a modest and unpretending spirit, and in a clear and plain style, though with an occasional touch of quaintness. It is recommended, not only on these accounts, but, moreover, for its good faith, earnestness, and value of the information it imparts.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1839, pp. 72.

1832. SABATIER, J. C. Les lois de la Révulsion, étudiées sous le rapport physiologique et thérapeutique. Paris, 8vo, pp. 148. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.*

A prize essay. There is in it too much theoretical disquisition and dispute, too few facts, and little or no attempt to draw general principles from such as are adduced. See *Med.-Chir. Rev.*, Jan., 1833, p. 87-93, where will be found an analytical review of the work; also *Dublin Journ. Med. Sci.*, vol. i (1832), p. 327-336.

1832. ZOMBORCSEVICS, V. *Medendi methodus Derivans. Pesthini, 8vo, pp. 34.

1837. GONDRET, L. F. Traité théorique et pratique de la Dérivation contre les affections les plus communes en général, telle que la plethora, l'inflammation, l'hémorrhagie, &c. Paris, 8vo, pp. 328. *Bibl. Coll. Surg. Lond.*

This volume may be regarded as the collective republication of the author's various memoirs to the Royal Academy of Sciences. His great counter-irritant was a "pommade ammoniacale," with which surprising cures have been stated to have been effected. See analytical review in *Brit. and For. Med.-Chir. Rev.*, Jan., 1839, p. 56-73.

1838. GRANVILLE, A. B. Counter-Irritation: its principles and practice, illustrated by one hundred cases, &c.
London, 8vo, pp. 360.

An ephemeral work of little value in any point of view. In this volume the author keeps his remedy a secret, on which account he was so severely handled by the medical critics of the day that he was led to publish in the *Lancet*, Oct. 27, 1838, the formulæ for the preparation of his lotions, three in number, each of which contains strong liquor ammoniæ, spirit of rosemary, and spirit of camphor, in varying proportions.

1842. GULLY, J. M. The Simple Treatment of Disease deduced from the methods of Expectancy and Revulsion.
London, 8vo, pp. 98.

1848. MARX, C. F. H. Ueber die bisherige Beurtheilungs- und Anwendungsweise der ableitenden Methode.
Göttingen, 4to, pp. 99.

A memoir which defies analysis. It consists of seventy-seven distinct sections, in which are included the history of the derivative system from the times of the early Greek physicians to the present day; the consideration of the natural derivative action sometimes established spontaneously by the kidneys, intestinal canal, or skin, for the relief of other organs; notices of the different materials used in the derivative treatment, and general rules and cautions to be borne in mind in the application of these materials. It exhibits signs of great research on the part of its author, and is deserving of the attention of all who wish to make themselves acquainted with everything that has been written (in Greek, Latin, Arabic, German, French, Italian, Danish, and English) on the subject of derivatives.—*Monthly Journ. Med. Sci.*, vol. ix, 1849, p. 615.

1856. PARCHAPPE, M. Sur la doctrine de la Révulsion.
Paris, 8vo, pp. 20.

1861. ROUX, B. J. A. *De la Révulsion. Strasbourg, 4to, pp. 34.

1866. RAYNAUD, M. *De la Révulsion. Paris, 8vo, pp. 168.

1869. ROSS, J. On Counter-Irritation. A theory constructed by the deductive method of investigation. London, 8vo.

A clever and original work, the whole aim of which is to show that it is by inducing heightened, not lowered, action in the diseased parts that counter-irritants do good. The derivation-theory is rejected altogether. See review in *Practitioner*, June, 1869, where the whole subject is ably discussed by the editor, Dr. Anstie. The same number contains also an able article on counter-irritation by Dr. Risdon Bennett. See further an able paper by Dr. Anstie in *Practitioner*, March, 1870, p. 156 *et seq.*

1870. JORDAN, FURNEAUX. The Treatment of Surgical Inflammations by a New Method, which greatly shortens their duration.
London, 8vo, pp. 158.

The new method of treating surgical (non-specified) inflammations here advocated is counter-irritation. A ring of counter-irritation placed around abscesses, carbuncles, cellulitis, and other inflammation, was found by the author to produce striking and rapid results. An elaborate series of diagrams is given, showing the best localities, the extent and configuration of the

area for the application of the counter-irritation, this forming an important, almost essential feature in the treatment. A selection of 133 cases in which this treatment proved successful is added. The work is essentially practical, and the cases recorded fully substantiate the views of the author.—*Brit. and For. Med.-Chir. Rev.*, April, 1871, p. 439.

NOTE.—Numerous other works, chiefly theses, on Revulsives and Derivatives, are mentioned by Haller and Ploucquet, but being unable to find any traces of them elsewhere, they have been omitted.

HÆMOSPASIA.

(A Mode of Revulsion or Derivation.)

1843. JUNOD, T. Méthode Hémospasique. Paris, 8vo, pp. 33.

1849. JUNOD, T. Des avantages de la Méthode Hémospasique. Paris, 8vo, pp. 16.

1858. JUNOD, T. Considérations sur les effets thérapeutiques de l'Hémospasie. Paris, 8vo.

Hæmospasia (from *αιμα*, sanguis, and *σπαω*, traho, sugo) is a means of producing a powerful *revulsion* of the blood from one part and equally powerful *derivation* of the blood to another part of the body, by removing the atmospheric pressure from a large extent of surface, as from one or both extremities at the same time. It is a kind of dry cupping on a large scale. "To produce an intense raptus of the blood from the deep-seated to the superficial parts of the body, to dissipate congestions, to counteract morbid fluxionary accumulations, and to relieve any organs that may be oppressed with a surcharged circulation, such is the aim and object of hæmospasia." For effecting this, M. Junod, the originator of the system, invented a hæmospasic apparatus. Further see *Med.-Chir. Rev.*, Jan., 1841, p. 231-234.

1875. JUNOD, V. T. Traité théorique et pratique de l'Hémospasie. Paris, 8vo, pp. 380.

DIAPHORETICS and SUDORIFICS.

1623. ROBIN, A., et MALLET, F. *Ergo Febribus purpuratis Sudorifica. Paris, 4to.

1650. ROLFINK, W. De Diaphoreticorum usu eximio. Jenæ, 4to.

1666. RICHARD, N., et MATTOT, P. *Non ergo Rheumatismo Sudorifera. Paris, 4to.

1671. GRULING, P. De Sudoriferis et Diureticis. Lipsiæ, 4to.

1674. FARCY D. DE, et PELLETIER, N. *Ergo Paralysi Sudorifera. Paris, 4to.

1682. PALMER, J. De Medicamentorum Sudoriferorum natura, operatione et usu. Lugd. Bat. 4to. *Bibl. Coll. Phys. Lond.*

1683. VATER, C. Re Medicamentis Diaphoreticis. Wittembergæ, 4to.

1689. PATIN, C. *De Remediis Sudoriferis. Patavii, 4to.

1693. HERLIN, J. H. *De Sudore et remediis Sudoriferis. Lipsiæ, 4to.

1696. PUYLON, C., et SOUTHAIT, J. *Ergo Febri Intermittenti Diaphoretica. Paris, 4to.

1700. HENDICH, P. *De Medicamentorum Sudoriferorum prudenti administratione. Marburgi, 4to.

1702. ALLMACHER, J. W. *De Sudoriferis. Præs. J. H. Slevogt. Jenæ, 4to. *Bibl. Coll. Phys. Edin.*

1705. SPLEISS, J. J. *De Febribus in genere, et earum curatione per sudorem in specie. Basileæ, 4to.

1705. GUILLOT, L., et CLUSARD, S. *An Asthmate Sudorifera. Paris, 4to.

1715. RAST, —. *De methodo curandi Hydropis per Diaphoretica. Regiomonti, 4to.

1718. LYBER, H. G. *De Sudoriferorum usu et abusu. Lugd. Bat. 4to. *Bibl. Acad. Edin.*

1722. ALBERTI, M. *De Diaphoreseos usu et abusu. Resp. J. E. Juncker. Halæ, 4to.

733. GORTER, J. DE. Morbi epidemii descriptio, et curatio per Diaphoresin. Harderovici, 4to. *Bibl. Med.-Chir. Soc.*

1734. LISCHWITZ, J. C. De Plantis Diaphoreticis et Sudoriferis, &c. Resp. B. L. Hill. Kiloniæ, 4to, pp. 63. *Bibl. Banks.*

1735. LISCHWITZ, J. C. De damno ex perversâ administratione remediorum Diaphoreticorum, &c. Kiloniæ, 4to.

1738. HENNEUS, J. C. De modo agendi medicamentorum Diaphoreticorum, &c. Gottingæ, 4to.

1742. WOLFFHEIMER, M. B. De Diaphoreticis medicinæ universalis, &c. Halæ, 4to.

1743. HESSE, W. G. *De medicamentis Diaphoreticis eorumque in corpus humanum agendi modo. Præs. A. E. Buechner. Erfodiæ, 4to.

1744. KANNEGIESSER, T. H. *De Sudoriferorum abusu. Kiloniæ, 4to.

1744. KANNEGIESSER, T. H. *Vide* "Astringents," 1744.

1746. JUCH, G. P. De Diaphoreticorum modo agendi in corpus humanum. Erfodiæ, 4to.

1749. LEVY, P. A. De damnis et abusu Diaphoreticorum in Febribus oriundis. Halæ, 4to.

1750. ZEHENPHENNIGH, H. P. S. On the Abuse of Sudorifics. *Vide* "Emetics," 1750.

1752. BUECHNER, A. E. De incongruo Diaphoreticorum usu, &c. Halæ, 4to.

1752. REUSCH, J. De modo agendi medicamentorum Diaphoreticorum et Sudoriferorum. Marburgi, 4to.

1755. KRAUSS, J. C. A. *De abusu Diaphoreticorum et Sudoriferorum, &c. Præs. J. C. Stock. Jenæ, 4to.

1764. RENFELD, C. F. *De modo agendi medicamentorum Diaphoreticorum, &c. Gryphisvaldiæ, 4to.

1770. ALEXANDER, W. Experimental Essays on Antiseptics . . . Sudorifics, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1773. REES, W. VAN. *Diss. de Sudoriferorum moderamine. Lugd. Bat. 4to. *Bibl. Roy.*

1780. WEDEKIND, G. C. F. De Diaphoreticorum usu in Febribus acutis. Gottingæ, 4to, pp. 65. *Bibl. Med.-Chir. Soc.*

1795. FOWLER, T. On Blood-letting, Sudorifics, &c., in acute and chronic Rheumatism. London, 8vo. *Bibl. Med.-Chir. Soc.*

1797. PEDELL, H. G. *De Diaphoreticâ methodo. Halæ, 8vo, pp. 30. *Bibl. Coll. Phys. Edin.*

1828. SCHIEGNITZ, C. G. *De methodo Diaphoretica. Berol. 8vo, pp. 21.

1869. CLARK, C. Diaphoresis: a powerful aid in the arrest and removal of human disease, and thereby prolonging life. London, 8vo, pp. 16.

Diaphoresis is this writer's grand panacea, not only for fever and inflammation, but for all the ills that flesh is heir to. His grand formula is "Spirit. Æth. Nit., Vin. Ipecac., Ant. Pot. Tart.," *tria juncta in uno*, which acts with such a threefold force that no solitary disease can or ought to withstand. This is the very kernel itself, though enshrouded in sixteen pages of print.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1870, p. 169.

DILUENTS.

1702. WEDEL, G. W. De Aqueorum natura, usu et abusu. Jenæ, 4to.

1716. HALLAYS, F. *An Diluentia in morbis melancholicis purgationi præferenda? Affirmat. Præs. P. Marais. Paris, 4to.

1737. MIDY, J. *An Diluentia in affectibus melancholicis purgantibus præferenda? Affirmat. Præs. J. F. Léaulte. Paris, 4to.

1741. GOURRAIGNE, H. *Vide* "Emollients," 1741.

1744. HILSCHER, S. P. *De medicamentorum Diluentium natura et recto usu. Jenæ, 4to.

1788. JAMESON, T. A Treatise on Diluents; and an inquiry into the diseases of the fluids of the human body, to ascertain the operation of Diluents upon them. London, 8vo, pp. 134. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

DISINFECTANTS.

1771. BROWNRIGG, W. On the means of preventing the communication of Pestilential Contagion and of eradicating it in infected places. London, 4to. *Bibl. Acad. Edin.*

1795. SMYTH and BEDDOES. *Vide* "Nitrous Acid," 1796-1800.

1800. PAIVA, M. J. DE. Exposição dos meios chimicos de purificar o ar das embarações, isto he, destruir as particulas na atmosfera. Lisboa, folio.

1801. GUYTON MORVEAU. Traité des moyens de désinfecter l'Air. Paris, 8vo.
Bibl. Coll. Phys. Edin.; Coll. Surg. Lond. (ed. 3rd, 1805).

In 1773 Guyton Morveau brought to notice the valuable deodorizing and disinfectant properties of hydrochloric acid fumes generated by a mixture of common salt and sulphuric acid. The scene of his first operation was the cathedral at Dijon.

1803. JOHNSTONE, J. An account of the discovery of Mineral Acid Vapours to destroy Contagion. London, 8vo, pp. 38.
Bibl. Med.-Chir. Soc.

The object of this pamphlet is to assert the priority of discovery in favour of Dr. James Johnstone, sen., of Worcester, the writer's father.—*Med. Phys. Journ.*, x, 1803, p. 78.

1812. KOSAK, F. S. *Vide* "Acids," 1812.

1831. HENRY, W. Experiments on the Disinfecting powers of Increased Temperatures. London, 8vo. *Bibl. Med. Soc. Edin.*

A *résumé* of Dr. Henry's experiments, together with many original observations, proving the disinfecting power of a temperature of 212° F., has been published by Dr. Elisha Harris in the *Proceedings of the Fourth National Sanitary Convention*, New York, 1860.

1832. GARCIA, F. DE PAULA. *Vide* "Fumigation," 1832.

1832. FERGUSSON, W. On Cholera Morbus, with observations upon ...Disinfecting Fumigations. London, 8vo, pp. 39.
Bibl. Coll. Surg. Lond.

1836. TORI, B. Sui Fumigi Disinfettanti. Reggio, 8vo.

1847. PARLIAMENTARY REPORT. Disinfecting Fluid. Copy of reports of Dr. Southwood Smith, Mr. Grainger, Mr. Toynbee, and others, at Dublin. London, pp. 46.

This report has reference to Ledoyen's Disinfecting Fluid, which is a solution of nitrate of lead in proportion of a drachm to an ounce of water.

1847. PARLIAMENTARY REPORT. Copy of Reports on Sir William Burnett's Disinfecting Fluid. Folio.

This disinfecting fluid is a strong solution of chloride of zinc.

1848. STRATTON, F. Remarks on Deodorization and Disinfection, and on Sir W. Burnett's Disinfecting Fluid or Solution of Chloride of Zinc. Montreal, 8vo.

1862. CONDY, H. B. Disinfection and the Prevention of Disease. London, 8vo. *Bibl. Med.-Chir. Soc.*

1862. CHEVALLIER, A. Traité des Désinfectants sous le Rapport de l'Hygiène publique, &c. Paris, 8vo, pp. 180.

Amongst other useful matter contained in this essay the author furnishes (p. 132) a list of substances proposed as disinfectants from 1762 to 1846, amongst which we find no less than thirty acids and metallic salts; of these but a portion has stood the test of experience. He places chlorine in the front rank.—*Amer. Journ. Med. Sci.*, July, 1867, p. 159.

1863. REVEIL, O. Des Désinfectants et de leurs applications à la Thérapeutique. Paris, 8vo, pp. 38.

1863. BOINET, A. Des Désinfectants et de leurs applications en Thérapeutique. (Ex *Gaz. Hebdom. de Méd. et de Chir.*) Paris, 8vo, pp. 30.

1863. CONDY, H. B. Air and Water: their impurities and purification. London, 8vo, pp. 60.

A valuable work, containing much useful information. One of its chief objects is to call attention to the alkaline permanganates as purifiers, disinfectants, and deodorizers. Though a popular treatise, it may be read with advantage by the man of science.—*Brit. and For. Med.-Chir. Rev.*, April, 1863, p. 399.

1863. HARRIS, E. On Disinfectants. (Ex *Sanitary Commission Bulletin*, Nov., 1863.)

A most elaborate and practical report, drawn up by Dr. Elisha Harris for the use of the United States Sanitary Commission. For main observations see *Brit. and For. Med.-Chir. Rev.*, Oct., 1864, p. 535-540.

1864. CHALVET, P. Des Désinfectants et de leurs applications à la Thérapeutique et à l'Hygiène. (Ex *Mém. de l'Acad. de Méd.*, vol. xxvi.) Paris, 4to, pp. 84.

1867. BARTHOLOW, R. The principles and practice of Disinfection. Cincinnati, U.S., 12mo, pp. 111.

1867. FASOLI et GUERRI, MM. *Il Colèra ed i disinfettanti, &c. Firenze, 8vo, pp. 13.

1867. CROOKES, W. On the application of Disinfectants in arresting the spread of the Cattle Plague.

This very able report is chiefly taken up with an examination into the mode of action and uses of carbolic and cresylic acids. It contains some very striking facts.—*Amer. Jour. Med. Sci.*, July, 1867, p. 162.

1867. BARKER, T. H. On Deodorization and Disinfection. Prize essay. Hastings.

Contains some interesting comparative experiments as to the value of the sulphate and chloride of zinc and other articles of this class. The author concludes that "for the deodorization of putrescent organic matter as well as for the preservation of fresh matter, chloride and sulphate of zinc are by far the best agents. See *Amer. Journ. Med. Sci.*, July, 1867, p. 160.

1867. CONDY, H. B. Question de priorité. Propriétés désinfectantes des Permanganates alcalins. Paris, 8vo, pp. 48.

1867. SQUIBB, E. R. Disinfection. Report of the Committee on Disinfection to the Academy of Medicine. Brooklyn, N.Y.

Quicklime mixed with charcoal, "calx powder," is the grand disinfectant of this writer.

1869. SMITH, R. ANGUS. Disinfectants and Disinfection. Edin. 8vo, pp. 138. *Bibl. Med.-Chir. Soc.*

The author considers specially gases, acids, the derivatives from tar, lime, charcoal, &c. The comparative powers of these and of other substances, both as disinfectants and deodorizers, are examined, and the results are recorded in a tabular form with a commentary. A short appendix contains a very useful enumeration of these agents in their application to various domestic uses.—*Lancet*, March 6, 1869. The work at the period of its publication gave rise to considerable controversy.

1869. ALVAREZ, J. *Des Désinfectants dans l'Hygiène publique et la Thérapeutique. Paris, 4to. *Bibl. Med.-Chir. Soc.*

1871. CAMERON, C. A. The Prevention of Contagious Diseases. A practical treatise on Disinfectants, Antiseptics, and other Sanitary agents. Dublin, 8vo, pp. 36.

A miniature treatise on sanitary science; its chief merit consists in the precise directions for disinfecting rooms, clothes, &c., which it contains.—*Dublin Journ. Med. Sci.*, Feb., 1872, p. 125.

1871. SANSOM, A. E. Theory and practice of Disinfection. *Vide* "Antiseptics," 1871.

1871. WILSON, E. T. Disinfectants, and how to use them. London, 12mo, pp. 24.

1871. BUDD, W. Cholera and Disinfection: Asiatic Cholera in Bristol, 1866. Bristol, 4to, pp. 16.

1874. DAY, J. On the Mineral Oils as Disinfectants. (Reprint from the *Australian Med. Journ.*, June, 1874.)

In this paper Dr. Day maintains that certain of the mineral oils are of great use as disinfectants, and especially the oil known under the name of gasoline. The value of these oils, he believes, depends on the fact that they are rich in peroxide of hydrogen, and a peculiar and valuable property they possess is that from their being continuously in action, they improve and gather force by exposure to the air.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1875, p. 240.

1874. M'DONNELL, —. On Disinfectants. *Vide* "Antiseptics."

1874. LETHEBY, H. On the right use of Disinfectants. London, 8vo, pamphlet.

A clear and tolerably complete account of the disinfectants in most common use, and their mode of action, without presenting anything particularly new or important.—*Lancet*, Nov. 28, 1874, p. 767.

1875. BRAKENRIDGE, D. J. On the prevention and treatment of Scarlatina and other Infectious Diseases by the internal administration of Disinfectants. Edin. 8vo.

The disinfectant employed by Dr. Brackenridge is the sulpho-carbolate of sodium in doses of grs. v to grs. xxx daily, according to age. He administers the same to those who are exposed to the poisons of scarlet fever and diphtheria, though they may not be suffering, and in this manner he thinks he prevents the infection of the disease. He is unfortunate in the use of the term disinfectant in connection with this treatment.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1876, p. 246.

1875. DOUGALL, J. The Science of Disinfection. Glasgow, 8vo.

This paper was read before the Health Department of the Social Science Congress of 1874. It defines clearly the physical difference between the processes of fermentation and putrefaction. It shows also that many so-called antiseptics have for their specific properties the power of preserving organic poisonous substances, and that to quench the decomposition of organic bodies is a very different thing from the art of killing infection. This short and able paper may be read with profit by all.—*Brit. and For. Med.-Chir. Rev.*, July, 1875, p. 248.

1875. ZUNDEL, A. De la Désinfection et des Désinfectants au point de vue Vétérinaire. Paris, 8vo, pp. 174.

DIURETICS.

1572. PIETRE, S., et PERDULCIS, B. *Ergo Nephriticis Diuretica. Paris, 4to.

1623. BELET, G., et SAVARRE, P. *Non ergo Asthmaticis Diuretica. Paris, 4to.

1643. THEVART, J., et GUYET, A. *Non ergo Dysenterio Diuretica. Paris, 4to.

1667. WITTE, C. T., et WEDEL, G. W. *De Diureticis. Jenæ, 4to. *Bibl. Coll. Phys. Lond.*

1671. GRULING, P. De Sudoriferis et Diureticis. Lipsiæ, 4to.

1681. EMMEREZ, G. E. *Sunt-ne Diuretica Hydropis præcipua remedia? Affirm. Præs. J. C. Delarbre. Paris, 4to.

1693. GARBERS, J. *De Diureticis. Lugd. Bat. 4to.

1713. LEDRAN, F. A. *An renum et vesicæ morbis Diuretica calida? Præs. A. J. Collot. Paris, 4to.

1720. WEDEL, G. W. *De Hydropico Diureticis curato. Jenæ, 4to.

1739. LISCHWITZ, J. C. Plantæ Diureticæ, cum habitu externo . . . charactere autem pharmaceutico congeneres usuque eædem. Kilonii, 4to, pp. 46.

1745. SCHMIDT, C. W. *De Diureticis eorumque agendi modo et usu. Præs. A. E. Buechner. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1749. CLASS, J. C. *De salutari et noxio Diureticorum medicamentorum usu. Præs. A. E. Buechner. Halæ, 4to. *Bibl. Med. Soc. Lond.*

1751. KNIPHOF, J. J. De medicamentis Diureticis specificis. Erfordiæ, 4to.

1752. BUECHNER, A. E. De intempestivo Diureticorum usu frequenti affectuum nephriticorum causâ. Halæ, 4to.

1770. ALEXANDER, W. Experimental Essays on Antiseptics . . . Diuretics, Sudorifics, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1774. HOUSDEN (vel HEUSDEN), J. VAN. *De Diureticorum usu et abusu. Lugd. Bat. 4to.

1786. KUELHLWEIN, J. H. *De Diureticorum medicamentorum temere adhibitorum noxa in Hydrope. Gottingæ, 4to, pp. 22.

1787. BOSE, E. G. De cauto remediorum Diureticorum usu. Lipsiæ, 4to.

1788. WILSON, J. *Diss. therapeutica de remediis Diureticis. Edin. 8vo. *Bibl. Acad. Edin.*

1797. KÖRBER, P. H. *De medicamentis urinam moventibus ex classe sedantium. Altorfii, 4to, pp. 22.

1800. ENGELHART, J. H. *Aphorismi de Diureticis. Resp. P. E. Becklin. Lundæ, 8vo.

1822. CHURCHILL, J. M. On the use of Diuretics in Gonorrhœa. *Vide* "Cubeba," 1822.

1827. MOSERINNUS, J. *De Methodo Diuretica. Berol. 8vo, pp 33.

1829. OTTO, G. C. A. *De Methodo Diuretica. Berol. 8vo, pp. 34.

1831. WURM, F. *De Diureticis. Vindob. 8vo, pp. 46.

1844. BIRD, GOLDING. *Vide* "Special Therapeutics," 1844.

1860. PARKES, E. A. The Composition of the Urine in Health and Disease, and under the action of remedies. London, 8vo, pp. 404.

The reader will here find, not only a most patient and judicious selection of material from all known quarters, but likewise much original clinical investigation.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1862, p. 385, *et seq.*

1864. HIRTZ, —. Quelques considérations sur le traitement de l'Albuminurie, et particulièrement par l'emploi des Diurétiques. (Ex *Bull. de Thérap.*) Paris, 8vo, pp. 11.

1871. DAROZE, J. A. *Étude sur les Diurétiques. Paris, 4to.

1872. MASSART, E. *Considérations sur la Diurèse et ses moyens. Paris, 4to.

1872. VERDUN, E. *Essai sur la Diurèse et les Diurétiques. Paris, 4to; ibid. 8vo, pp. 67 (with lithogr. tracings).

The author divides diuretics into two classes—1. Those which appear especially to act by augmenting the quantity of materials to be eliminated (water, urea, neutral salts of potass, soda, lime, lithia, magnesia, bromide of potassium, various alkaline and earthy carbonates, whey, &c.). 2. Those which act especially on the circulating system generally, and secondly on the vascular apparatus of the kidney (tannin, sulphate of iron, sulphuric lemonade, digitalis, ergot of rye, sulphate of quinine, bromide of potassium). In the last chapter the author studies diuretic medication.—*London Med. Record*, Jan., 29, 1873, p. 58.

EMETICS.

1613. SALA, A. Émétologie, ou Triomphe des Médicamens Vomitifs. Delft, 8vo.

1634. CASTELLUS, P. Emetica: in qua agitur de vomitu et vomitoriis. Roma, folio.

Abstract of contents in *Haller, Bibl. Med. Pract.*, vol. ii, p. 484.

1646. GESNER, C. Enumeratio Medicamentorum Purgantium et Vomitoriorum, ordine alphabetico descripta. Basiliæ, 8vo.

1649. MOEBIUS, E. *Emetologia seu de natura et usu Vomitoriorum. Jenæ, 4to.

1676. ZOPFF, J. C. *De Vomitoriis ritè adhibendis. Praes. G. W. Wedel. Jenæ, 4to. *Bibl. Coll. Phys. Lond.*

1694. DOGE, J. B. *An Ischuriæ Emeticum. Paris, 4to.

1699. OLIPHANT, C. A short Discourse to prove the usefulness of Vomiting in Fevers. Edin. 8vo.

This pamphlet drew forth answers from Dr. Eizat (Edin., 8vo, 1699), and Dr. A. Brown (Edin., 8vo, 1699), and others, to which Dr. Oliphant replied. Several, if not all, of these pamphlets are in *Bibl. Coll. Phys. Edin.*

1704. ZAPFIUS, G. C. *De Vomitoriis. Jenæ, 4to. *Bibl. Coll. Phys. Edin.*

1719. ROSENHAYN, C. L. *De Vomitoriorum usu et abusu. Præs. J. F. Depré. Erfordiæ, 4to. *Bibl. Med. Soc. Lond.*

1722. DWIGHT, S. De Vomitione et Purgatione eorumque excessu curando, necnon de Emeticis medicamentis, de Catharticis, &c. Londini, 8vo. *Bibl. Coll. Surg. Lond.*

1723. ARENDS, J. A. *De Emeticorum usu et abusu. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1725. BUSSIUS, F. A. *Obs. de cauto Vomitoriorum usu. Præs. F. Hoffmann. Halæ Mag. 4to. *Bibl. Med. Soc. Lond.*

Abstract in *Haller, Bibl. Med. Pract.*, iii, p. 567, et *Bibl. Bot.*, ii, p. 22.

1726. DUVAL, F. P. *De Emeticorum effectibus. Lugd. Bat. 4to, *Bibl. Med. Soc. Lond.*

1730. FOTHERGILL, J. *De Emeticorum usu in variis morbis tractandis. Edin. 8vo. Alt. ed. 1736, 4to, Edin.? *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (ed. 1736).

1746. GEISLER, J. E. *De usu Vomitoriorum. Lipsiæ, 4to (in Haller, *Disp. Med. Pract.*, vi, p. 592). *Bibl. Med.-Chir. Soc.* (Haller).

1750. ZEHENPHENNIGH, H. P. S. Diss. sistens quædam therapiæ specialis notamina circa abusus remediorum Vomitoriorum, Laxantium et Sudoriferorum. Lugd. Bat. 4to. *Bibl. Roy.*

1758. BUCHNER, J. A. W. *De Emeticorum in medicina castrensi salutari et noxio usu. Halæ, 4to. *Bibl. Roy.*

1765. ROHN, W. *De usu Vomitoriorum in ejiciendos vermes. Resp. R. A. Vogel. Gottingæ, 4to. *Bibl. Roy.*

1768. ROSENBACH, D. P. *De Vomitoriorum usu. Gottingæ, 4to. *Bibl. Acad. Edin.*

1774. ESNARD, P. A. *De Emeticis. Loc.? 4to. *Bibl. Med.-Chir. Soc.*

1776. WOOD, J. *De actione et usu Emeticorum. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1777. WESTPHAL, A. Diss. de limitandis laudibus Vomitoriorum ad curandas febres malignas. (In *Baldinger Sylloge*, vol. ii, p. 1.) Gottingæ, 8vo. *Bibl. Med.-Chir. Soc.* (Baldinger).

Rev. in *Duncan's Med. Commentaries*, v, 1777, p. 138.

1779. MEYER, C. A. De eximio Ipecacuanhæ necnon aliorum quorumdam Emeticorum usu. Gottingæ, 4to. *Bibl. Roy.*

1780. WOLFF, J. J. Diss. de Vomitoriorum usu in febribus. Gottingæ, 4to. *Bibl. Med. Soc. Lond.; Acad. Edin.*

1782. ACKERMANN, J. F. *Usus Emeticorum in Pleuritide vera inflammatoria egregii. Kiloniæ, 4to.

1782. SCIPIO, C. G. *De Vomitûs excitandi indicantibus et contra-indicantibus. Jenæ, 4to, pp. 24.

1782. MELART, G. C. *De tempore exhibendi Emetica in Febribus intermittentibus maxime. Præs. J. A. Murray. Gottingæ, 4to, pp. 38. *Bibl. Coll. Surg. Lond.* (1872).

1783. SCHRAMME, J. C. B. *De egregio Emeticorum usu nominatim in Febribus. Gottingæ, 8vo, pp. 41.

1784. KRAGL, S. *De methodo Emetica. Idem in *Eyerel Diss. Med. Vindob.* vol. iv, No. 9. Wien, 8vo.

1785. IRVING, R. *De Emeticis. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1788. MOULTRIE, J. *De actione et usu Emeticorum. Edin. 8vo. *Bibl. Coll. Phys.; Acad. Edin.*

1788. GRESS, F. A. W. *Quæstio: estne Febrium Intermittentium curatio ab Vomitoriis remediis incipienda? Jenæ, 4to, pp. 12.

1790. PEARSON, S. B. *Tentamen therapeuticum: de medicamentis Vomitoriis. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1792. SCHAEFFER, C. H. *De Vomitoriorum usu in Febribus malignis. Duisburgi, 4to, pp. 15.

1793. WADE, J. P. Nature and effects of Emetics, Mercurials, &c...in the disorders of Bengal and similar latitudes. *Vide* "Hydrargyrum," 1793. London, 8vo.

1795. JONES, J. G. Observations on Tussis convulsiva or Hooping Cough...The practice of giving Emetics shown to be pernicious and useless. London, 8vo.

1795. BORNWASSER, D. C. *De usu Vomitoriorum in Phthisi pulmonali. Jenæ, 4to, pp. 24.

1796. ENGELHART, J. H. *Aphorismi therapeutici de Vomitoriis. Respond. C. W. Hardh. Lundæ, 8vo.

1799. FRORIEP, L. F. VON. *De recto Emeticorum usu. Jenæ, 4to.

1799. PFENNIG, J. G. *De Emeticorum in Febribus Nervosis usu. Idem in *Brerœ Sylloge Opusculorum*, vol. vi, No. 6. Vittebergæ. *Bibl. Coll. Surg. Lond.*

1801. LAURENS, —. *Sur l'usage, l'abus et la manière d'agir des Émétiques. Montpellier, 4to.

1802. BLANE, —. *Essai sur le Tartrite Antimonie de Potasse, et sur l'emploi des Émétiques. Montpellier, 4to.

1803. SCHMID, C. W. *De Emeticorum usu in Dysenteria. Jenæ, 4to.

1803. OTTO, —. De Vomitoriorum usu in febre intermittente tam imperando quam vetando. Francof. 4to.

1804. PORTA, J. *Essai sur les indications et les contra-indications dans l'usage des Émétiques. Montpellier, 4to.

1806. STONE, A. D. On Diseases of the Stomach and of Digestion... with observations on various medicines, particularly on the improper use of Emetics. London, 8vo, pp. 291.

1810. GAUNE, C. L. *Essai sur l'emploi des Vomitifs dans les plegmasies de la poitrine. Paris, 4to, pp. 27.

1811. COVENTRY, G. *De Emeticis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1813. MAGENDIE, F. Mémoire sur le Vomissement. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1813. REES, G. Treatise on Hæmoptysis, the safety of Emetics and pernicious effects of Bloodletting in its treatment. London, 8vo. *Bibl. Med.-Chir. Soc.*

1814. ABBADUN, —. Emploi des Émétiques dans le traitement des plaies d'armes à feu. Montpellier, 8vo.

1817-18. MOGGE-POUS, B. M. *Diss. de multiplici Emeticorum in medicinâ agendi ratione atque usu. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

Contains chemical analyses of the true ipecacuanha, also of psychotria emetica, calicocca ipecacuanha, and viola emetica.—*Callisen.*

1818. RESLER, J. P. *De indicantibus et contra-indicantibus Emeticorum. Groningæ, 8vo, pp. 60. *Bibl. Roy.*

1818. GIRAUDET, B. *Usage et abus des Vomitifs dans la traitement des fièvres dites essentielles. Paris, 4to.

1818. STUART, J. G. *De Emeticis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1818. WHITE, R. *De Vomitoriis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1820. DELEAU, —. Aperçu sur l'abus du Vomissement provoqué dans les maladies, &c. Paris, 8vo.

1822. HOSACK, D. Observations on the use of Emetics in Constipation of the Bowels. New York, 8vo. *Bibl. Med. Soc. Edin.*

This pamphlet contains the history of seven cases of obstinate constipation which yielded to the exhibition of emetics after it had resisted the use of purgatives given internally. See *London Med. Phys. Journ.*, xlviii, 1822, p. 165.

1824. FROELICH, J. H. L. De usu Emeticorum in Phthisi Pulmonali. Leipzig, 8vo.

1826. STRAMBOLI, G. Intorno il modo di agire delle Sostanze Emetiche e Purgative, e principalmente del Tartro-Stibiato. Milan. 8vo. *Bibl. Coll. Surg. Lond.*

1827. MARCQ, P. A. De l'action des Émétiques et des Purgatifs sur l'économie animale, et de leur emploi dans les maladies. (A prize essay.) Paris, 8vo, pp. 202.

1830. TONNELLÉ, L. Des Fièvres Puerpérales...les diverses méthodes thérapeutiques employées pour les combattre et spécialement des mercuriaux, des vomitifs, et des évacuations sanguines. Paris, 8vo, pp. 136.

1834. WEGSCHEIDER, J. *Diss. sistens nonnulla de usu atque abusu Emeticorum. Halæ, 8vo, pp. 72. *Bibl. Coll. Phys. Edin.*

1836. MOSCA, G. *De substantiis Emeticis.
Ticini Regii, 8vo, pp. 32.

1837. SCHLECHTENDAL, J. D. B. De Emeticis. Berlin, 8vo.
Bibl. Coll. Surg. Lond.

1840. ARNOLD, J. W. Das Erbrechen, &c. (Vomiting, its action, and use of Emetics.) Stuttgart, 8vo, pp. 403.
Bibl. Coll. Surg. Lond.

1840. BUDGE, J. Die Lehre vom Erbrechen, &c. (The Doctrine of Vomiting, from observations and experiments.)
Bonn, 8vo, pp. 243.

In this and the preceding work the physiology, pathology, therapeutical indications and uses of vomiting, are amply and minutely described...they are both in the highest degree creditable to the medical literature and science of Germany.—*Brit. and For. Med. Rev.*, Jan., 1843, p. 60, where a full analysis will be found.

1852. BURSLEM, W. M. Pulmonary Consumption and its Treatment. London, 8vo. pp. 160.

This book has been written with the view of illustrating the efficacy of emetics in the treatment of phthisis. The author traces the history of their use from Aretæus to Dr. Holland, and shows by their effects that they have been undeservedly neglected. In addition to this, the work contains many original and important observations on the pathology of the disease.—*Lancet*, Nov. 20, 1852, p. 472.

1853. GAUCHET, L. A. *Coup d'œil sur la Médication Vomitive dans les maladies internes. Paris, 4to, pp. 52.

1854. LACIPIÈRE, P. L. Des Émétiques Végétaux en général et des Émétiques Végétaux indigènes en particulier.
Strasbourg, 8vo, pp. 35.

1856. ACKERMANN, T. Beobachtungen über einige physiologische Wirkungen der wichtigsten Emetica. Rostock, 4to, pp. 44, tab. i.

1860. PASTUREL, P. Étude sur l'action thérapeutique des Vomitifs.
Montpellier, 4to, pp. 52.

1867. DEVALTZ, E. Du traitement de Croup, ou Angine Laryngée diphthérique, par l'action combinée des Vomitifs et de l'alimentation. Paris, 8vo, pp. 26.

1873. ORNELLAS, A. E. d'. Du Vomissement. Contribution à l'étude de l'action des Vomitifs. Paris, 8vo, pp. 39.
Bibl. Med.-Chir. Soc.

1875. GRASSET, J. De la Médication Vomitive. Paris, 4to; ibid. 8vo, pp. 195.

Emetics, according to Dr. Grasset, may be divided into three classes, according to their modes of action in the act of vomiting:—1. Peripheric emetics, which cause vomiting by exciting the extremities of the pneumogastric nerve. To this class belongs ipecacuanha. 2. Central emetics, of which apomorphia is the type, which cause vomiting by directly exciting the vomitive centre. 3. Mixed emetics, which excite vomiting by simultaneously exciting the peripheric extremities of the vagus nerve and the vomitive centre itself, *e. g.* tartar emetic. Emetics, besides the property of causing sickness, possess numerous other actions. They generally have a

local irritant action on the skin and mucous membranes; they modify the respiration, the circulation, and the temperature, and increase the secretions; they diminish the excitability of the striated muscles and paralyse them. It is by utilising these different properties of emetics that, by varying the dose, evacuant, antispasmodic, antiphlogistic and other actions may be obtained.—*London Med. Record*, Aug. 16, 1875, p. 495.

EMMENAGOGUES.

1578. VISCHER, J. Diss. de medicamentis menses muliebres provocantibus. Tubingæ, 4to.

1647. JUNKER, J. *De Emmenagogis, eorumque operandi modo et usu. Resp. C. S. Brunschwitz. Halæ, 4to.

1703. FREIND, J. Emmenologia, &c. Oxon. 8vo. *Bibl. Med.-Chir. Soc.*

This work is noticed by Haller (*Bibl. Bot.*, ii, p. 70), "ob numerosa experimenta cum succis plantarum facta quæ creduntur menses pellere."

1759. FIRBAS, J. B. De medicamentis Emmenagogis. Vienna, 4to.

1761. CLAUS, P. H. Diss. de usu et abusu Emmenagogorum. Ultraj, 4to. *Bibl. Roy.*

1813. WILLET, A. Diss. de iis, quorum præcipue ratione habenda est in usu Emmenagogorum. Lugd. Bat. 4to. *Bibl. Roy.*

1818. PEROT, —. Considérations générales sur les Emmenagogues, &c. Strasbourg, 4to.

EMOLLIENTS and DEMULCENTS.

1737. HAMBERGER, G. E. *Re remediis Emollientibus. Respond. — Schelhas. Jenæ, 4to.

1741. GOURAIGNE, H. De natura fluiditatis sanguinis etiam de Diluentibus et Emollientibus, de lactis natura et usibus in medicinâ. Montpellier, 4to.

1743. ALBERTI, M. *De abusu Emollientium in chirurgicis. Halæ, 4to.

1765. GRAU, J. D. Treatise on Emollient Remedies. (In German.) Lenigo, 8vo.

1770. RENSING, C. Diss. de Emollientibus. Ultraj, 4to. *Bibl. Roy.*

1819. ROQUES, B. *Sur les accidents qui résultent très-souvent de l'abus des Cataplasmes Émollients dans leur emploi contre les Bubons Syphilitiques. Montpellier, 8vo, pp. 24.

1825. VISCONTI, G. P. *De remediorum Emollientium...abusu in differentium Ophthalmiarum therapia. Ticini, 8vo, pp. 51.

1837-46. MITSCHERLICH, C. G. Lehrbuch der Arzneimittellehre. Medicamenta Emollientia et Nutrientia, 1840. Vol. I, Part II. Berol. 2 vols. 8vo.

1851. DELIOUX DE SAVIGNAC, J. F. Examen critique de la médication Émolliente et des remèdes Béchiques et Pectoraux. (Ex *L'Union Méd.* 1851.) Paris, 8vo.

1854. QUENTIN, L. *Du principe Mucilagineux, et de ses usages en Thérapeutique. Paris, 4to, pp. 41.

EVACUANTS.

1547. MERENDA, J. P. Evacuandi ratio. Basileæ, 12mo. *Bibl. Med.-Chir. Soc.*

1698. SEGNITZ, W. *De remediorum Evacuantium mechanicâ operandi ratione. Præs. F. Hoffmann. Halæ, 4to.

1703. STAHL, G. E. De Evacuantibus selectioribus. Halæ, 4to.

1713. QUISTORP, J. B. *Scrutinium operationis medicamentorum Evacuantium, &c. Præs. G. Detharding. Rostochii, 4to.

1723. MEIBOMIUS, B. De provido atque tempestivo medicamentorum Evacuantium usu, &c. Helmstadii, 4to.

1742. KEHLER, —. De remediis Evacuantibus et in specie de eorum selectu atque dosi. Londini Gothorum, 4to.

1765. CALLEWAERT, P. F. S. De medicamentis Evacuantibus. Præs. A. C. J. Van Rossum. Lovanii, 4to. *Bibl. Coll. Surg. Lond.*

1770. WELLENS, J. De Evacuantium usu et virtutibus. Præs. A. C. J. Van Rossum. Lovanii, 4to. *Bibl. Coll. Surg. Lond.*

1771. LEMAIRE, F. De noxis quæ ex Evacuantibus nonnunquam oriuntur. Lugd. Bat. 4to. *Bibl. Roy.*

1778. REITMEIER, M. F. De cautelis circa remediorum, præcipue Evacuantium usum sub initio morborum. Gottingæ, 4to. *Bibl. Acad. Edin.*

1782. LOMBARD, C. A. Diss. sur l'utilité des Evacuans dans la cure des Playes recentes. Strasbourg, 8vo. *Bibl. Coll. Surg. Lond.*

1783. LOMBARD, C. A. Sur l'utilité des Évacuans dans la cure des Tumeurs, des Playes anciennes, des Ulcères, &c. Strasbourg, 8vo. *Bibl. Coll. Surg. Lond.*

1784. TASCHENBERG, J. L. *De usu Evacuantium med. in febribus acutis. Præs. C. G. Gruner. Jenæ, 8vo, pp. 24.

1787. ANDERSON, J. On natural, spontaneous, and artificial Evacuations. London, 8vo. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

1792. NICOLAI, H. E. C. *De methodo medendi per Evacuationem primarum viarum. Jenæ, 8vo.

1792. PLUMMER, J. *De noviciis effectibus remediorum Evacuantium. Lugd. Bat. 4to. *Bibl. Roy.*

1793. VÖLKERS, F. C. *De intempestivo Evacuantium usu in Febribus Gastricis. Gottingæ, 8vo, pp. 37.

1800. HESSE, F. C. H. *Circa usum Evacuantium in Dysenteria. Jenæ, 8vo, pp. 30.

1812. PIGEON, L. F. Observations qui prouvent que l'abus de la saignée et des Évacuans du canal alimentaire est la cause de notre destruction prématurée. Dinant, 8vo.

1836. BEAU, —. *De l'emploi des Évacuans dans les maladies connues sous les noms gastro-entérite, dothinentérite, fièvre typhoide, &c. Paris, 4to.

1866. JOHNSON, G. Notes on Cholera: its nature and treatment. London, 8vo, pp. 112.

Dr. George Johnson's treatment of cholera, which he has ably advocated, consists in facilitating the escape of morbid secretions by evacuants (castor oil, &c.), so that the poisoned blood which is endangering life may be rid of peccant material. However much we may be inclined to doubt the practicability and advantage of the treatment Dr. Johnson advocates, no one can fail to admire the ability and perseverance with which he has advocated his views.

EXPECTORANTS (including Bechics, Pectorals, or Cough Medicines).

1715. EYSEL, J. P. Diss. de medicamentis Bechicis. Erfordiæ, 4to.

1723. LUDOLF, J. De usu et abusu medicamentorum Expectorantium. Erfordiæ, 4to.

1756. BUECHNER, A. E. *De incongruo Expectorantium usu frequenti morborum pectoralium causa. Resp. — Supprian. Halæ. 4to.

1780. SAUVAGE, N. E., et RENAUD, P. Diss. de Bechicis. Nancei, 4to.

1800. STRÖM, G. T. *Remedia Expectorantia. Præs. C. P. Thunberg. Upsaliæ, 4to.

1851. DELIOUX DE SAVIGNAC. *Vide* "Emollients," 1851.

1863. EASTON, J. A. On the use of so-called Expectorants in diseases of the mucous membrane of the lungs. Pamphlet, 8vo. *Bibl. Med.-Chir. Soc.*

This is a reprint from the *Glasgow Medical Journal* for Oct., 1863, containing remarks suggested by Prof. Gairdner's article "On the Action of Expectorant Medicines" which appeared in the July number of the same journal (p. 129-144). Both papers are well worthy of attention.

EXTERNAL REMEDIES. See Topical.

FEBRIFUGES.

1681. SPON, J. Observations sur les Fièvres et sur les Fébrifuges. Lyon, 12mo. English transl. by J. Berrie, London, 1682. *Bibl. Med.-Chir. Soc.* (ed. 1684); *Coll. Phys. Edin.* (ed. 1687); *Med. Soc. Lond.* (Eng. transl.).

Short abstract in *Haller, Bibl. Med. Pract.*, iii, p. 430.

1694. SCHELHAMMER, Q. C. Diss. de Febrifugorum ratione agendi et applicandi modo. Jenæ, 4to.

1730. SCHMID, G. *De utilibus et futilibus specificis Antifebrilibus. Erfordiæ, 4to.

1730. GEISEL, J. D. *De Febrifugorum selectu et cauto usu. Præs. M. Alberti. Halæ Magd. 4to. *Bibl. Med. Soc. Lond.*

1798. BOUSSEY, L. D. A. Essai sur les Fièvres intermittentes, et sur l'action et l'usage des Fébrifuges, &c. Paris.

1798. KREYSIG, F. L. De Febrifugorum nonnullorum epicrisi. Wittemberg, 4to.

1809. CAILLARD, J. L. *Exposé des expériences faites sur les Fébrifuges Indigènes pour remplacer le Quinquina. Paris, 4to, pp. 54.

1811. DONNER, C. L. *De Arsenico febrifugo, cæterisque quidem Febrifugis certiore, sed omnium minime securo. Berol. 8vo, pp. 29.

1813. JULIA DE FONTENELLE, E. Recherches sur l'antisepticité de quelques végétaux indigènes Fébrifuges comparée à celle du Quinquina; suivies d'un aperçu sur l'analyse chimique de ces substances. Montpellier, 8vo, pp. 20.

The articles treated of in this essay are Gentian, Horse-chestnut bark, Willow Bark, the tops of Chironia centaurium, Teucrium Chamædrys, *Lin.*, Chamomile flowers, and Wormwood.—*Callisen.*

1819. HIRSCH, G. *De remediis Antifebrilibus. Berol. 8vo, pp. 68.

1825. CLUTTERBUCK, H. An Inquiry into the seat and nature of Fever...the effects of remedies, &c. London, 2nd ed. 8vo, pp. 494; First ed. 1807. *Bibl. Med.-Chir. Soc.*

1829. HABEDANK, F. *De medicamentis Febrifugis. Berol. 8vo, pp. 39.

1850. BERTULUS, E. Existe-t-il des Fièvres Intermittentes qu'on doive traiter par d'autres moyens que le Quinquina? Mémoire couronné par la Société de Médecine de Bordeaux. Bordeaux, 8vo, pp. 75.

1870. POLLI, G. Della Malaria e dei Febbrifugi. Milan, pamphlet.

In this *brochure* Prof. Polli advocates the claims of the alkaline sulphites and hyposulphites as prophylactic and curative agents in malarious fevers. He was the first to call attention to their properties, in 1857. *Vide* "Sulphites" and "Antiperiodics."

FLUORINES (The).

1867. RABUTEAU, A. P. A. *Étude expérimentale sur les effets physiologiques des Fluorures et des composés métalliques en général. Paris, 4to, pp. 151.

HYPOPHOSPHITES: ALKALINE.

1859. CHURCHILL, J. F. On the Prevention of Consumption by the use of the Hypophosphites. London, 8vo, pp. 16. *Bibl. Med.-Chir. Soc.*

1864. CHURCHILL, J. F. De la cause immédiate de la Phthisie Pulmonaire et des maladies tuberculeuses et de leur traitement spécifique par les Hypophosphites d'après les principes de la Médecine Stœchiologique. Paris, 8vo. Fourth ed. ibid. 1874. Italian transl. Rome, 1874, 8vo. English transl. London, 1874, 8vo, pp. 646. *Bibl. Med.-Chir. Soc.*

According to Dr. Churchill "the hypophosphites increase the nervous force, and are the most powerful hæmatogens, possessing all the therapeutic properties of phosphorus." His report of their value as therapeutic agents must, however, be regarded as over-estimated and exaggerated.

1868. THOROWGOOD, J. C. On Consumption and its treatment by the Hypophosphites. London, 8vo, pp. 47.

An important testimony to the value of the hypophosphites in phthisis. The author states that the results of trials of this class of medicines, on a large scale, are decidedly favorable, and that in a considerable number of cases they produce remarkable effects.—*Practitioner*, Oct., 1868, p. 237.

HYPOSULPHITES. See Sulphites, Alkaline.

IODIDES. See Iodine, Potassii Iodidum, etc.

LACTAGOGUES AND LACTAFUGES.

1763. DAVID, J. P. Dissertation sur ce qu'il convient faire pour diminuer ou supprimer le Lait des femmes. Paris, 12mo. *Bibl. Med-Chir. Soc.*

1858. DIEU, F. DE. Lettre sur la Galactothérapie. Paris, 8vo, pp. 16.

LACTATES: ALKALINE.

1862. BURIN DU BUISSON, M. Quelques mots sur l'Acide Lactique et les Lactates Alcalins et Terreux, sur leurs rôles dans l'économie animale et spécialement dans l'acte de la digestion. (Ex *Gaz. Hebd. de Méd. de Paris*, June, 1862.) Paris, pp. 8. *Bibl. Med.-Chir. Soc.*

1862. PÉTREQUIN, J. E. De l'emploi thérapeutique des Lactates Alcalins dans les maladies fonctionnelles de l'appareil digestif. Paris, 8vo. Second ed. Paris, 1864, pp. 23. *Bibl. Med.-Chir. Soc.*

These two pamphlets are designed by the authors to make better known the use of the lactates, chiefly the alkaline, in morbid affections of the digestive organs. Their views of the efficacy of these salts, which are founded on physiological principles, are confirmed and verified, they confidently assert, by a large clinical experience. See analyt. reviews in *Brit. and For. Med.-Chir. Rev.*, Jan., 1866, p. 29-34, and *Glasgow Med. Journal*, Jan., 1865, p. 475-479.

LAXATIVES. Vide Aperients.

LITHONTRIPTICS.

1636. YVELIN, P., et GUERIN, P. *Non ergo nephriticis a calculo Lithontriptica. Paris, 4to.

1683. FRANCHIMONT À FRANCKENFELD, N. Lithotomia Medica, seu Tractatus Lithontripticus de Calculo. Pragæ, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1687. GROENEVELT *vel* GROENEFELD [Greenfield], J. Dissertatio Lithologica. London, 8vo, plates, 2nd. ed. *Bibl. Med.-Chir. Soc.*

1694. PECHY, J. Observations upon the Lignum Nephriticum and its virtues in dissolving the Stone. London, 4to. *Bibl. Med.-Chir. Soc.*

1712. GROENEVELT, J. (*ut suprà*). Treatise of the Stone and Gravel, with a discourse on stone-breaking medicines. London, 8vo, plates. *Bibl. Med.-Chir. Soc.*

1721. ROBINSON, N. On Stone and Gravel: Dissolution of the Stone without bodily detriment, &c. London, 8vo. Second ed. ibid. 1723. *Bibl. Coll. Surg. Lond.*

1734. GRABERG, J. E. De medicamentis Lithontripticis. Halæ, 4to. *Bibl. Manchester Med. Soc.*

1739. LOBB, T. Treatise on Dissolvents of Stone and on curing the Stone and Gout by aliment. London, 8vo. French transl. Paris, 1744, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*

Hactenus huc facit, quo vires lithontripticas plurimarum plantarum expertus sit, quas inter succus limonum, et pomi eminet, et decoctum panis, victum vegetabilem adversus hæc tormina extollit.—*Haller, Bibl. Bot.*, ii, p. 308.

1739. STEPHENS'S (MRS.). Lithontriptic Medicines. *Vide* page 166.

1741. HARTLEY, D. De Lithontriptico, &c. Lugd. Bat. 8vo. *Bibl. Coll Phys. Edin.; Radcliffe.*

1741. BOHL, J. C. Diss. exhibens medicamenta Lithontryptica Anglicana revisa. Königsberg, 4to.

1742. PARSONS, J. A description of the human Urinary Bladder, to which are added animadversions on Lithontriptic medicines, particularly those of Mrs. Stephens. London, 8vo. *Bibl. Coll. Phys. Edin.; Radcliffe.*

1742. STÆCHELINUS, B. Epistola Eucharistica, circa structuram et dissolutionem Silicum et Calculorum. Basil. 8vo. *Bibl. Coll. Surg. Lond.*

1746. LANGRISH, B. Physical experiments upon brutes to discover a method of dissolving the Stone in the Bladder by Injections, &c. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1754. BUTTER, W. Method of cure for the Stone by Injections. Edin. 12mo, tab. i. *Bibl. Med.-Chir. Soc.*

1755. ESCHERNEY, D. D'. On the causes and symptoms of the Stone and the chief remedies in use. London, 8vo. *Bibl. Med.-Chir. Soc.*

1766. BLACKRIE, A. Disquisition on medicines that dissolve Stone, in which Dr. Chittich's secret is discovered. London, 12mo. Alt. ed. 1771. French transl. by Guilbert and Bourru. Paris, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (ed. 1771).

1776. DUHAUME, —. Mémoire sur les Dissolvans de la Pierre, &c. London, 4to. *Bibl. Coll. Surg. Lond.*

1777. HULME, N. *De re medica cognoscenda; access. via tuta Calculum solvendi, &c. London, 4to. *Bibl. Med.-Chir. Soc.*

1781. NEWMAN, J. W. A short inquiry into the merit of Solvents, so far as may be necessary to compare them with the operation of Lithotomy. London, 8vo, pp. 43. Reprinted in his Medical Essays, 1749. *Bibl. Acad. Edin.; Coll. Surg. Lond.*

The object of this work is to point out the evil effects of a too long-continued use of lithontriptics. He concludes by advising those who have resolution enough to undergo the operation to do it in time, before the irritation of the disease itself or the deleterious use of solvents has impaired their general health or induced a morbid state of the blood, when no wound will heal kindly, and the operation, however safe and skilfully performed, by such means may be rendered hazardous and frequently fatal.—*London Medical Journal*, Oct. 1, 1781, p. 222-227.

1783. HOME, R. The efficacy and innocency of Solvents candidly examined; with experiments and cases. London, 8vo, pp. 78. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

The author vindicates the use of lithontriptics from the censure thrown on them by Mr. Newman (*suprà*). He cites several instances (his own person included) showing the beneficial effects of their use.—*London Med. Journal*, iv, 1784, p. 382-386.

1787. FALCONER, W. Account of the efficacy of Aqua Mephitica Alkalina in calculous disorders. London, 8vo, 2nd. ed. *Bibl. Med.-Chir. Soc.*

1787. REYNOLDS, J. *De calculo urinario et Lithontripticis. Edin. 8vo. *Bibl. Acad. Edin.*

1788. LAWSON, G. M. *De calculo urinario et Lithontripticis. Edin. 8vo. *Bibl. Acad. Edin.*

1790. L'ESTRADE, —. Mémoire sur la manière dont se forment les pierres dans le corps humain et sur les moyens de les dissoudre. Saint Pierre, Martinique, 8vo.

1793. FORBES, M. Treatise upon Gravel and upon Gout . . . and an inquiry upon the operation of Solvents. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1797. MÜLLER, J. L. A. *Lithontripticorum examen. Halæ, 8vo, pp. 35. *Bibl. Coll. Phys. Edin.*

1799. MOSER, F. *Solutio Calculi in vesica urinaria lithotomiæ præferenda. Heidelbergæ, 4to.

1802. DORSEY, J. S. Essay on the Lithontriptic Virtues of the Gastric Liquor. Philadelphia, 8vo. *Bibl. Med.-Chir. Soc.*

1816. COUPER, W. *De remediis Lithontripticis. Glasgow, 8vo. *Bibl. Facult. Glasgow.*

1818. M'SWEENEY, J. *De medicamentis Lithontripticis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1821. PROUT, W. Inquiry into the nature and treatment of Gravel, Calculus, &c. London, 8vo, 2nd ed. 1825. *Bibl. Med.-Chir. Soc.*

1825. RITTLER, A. W. De methodo Lithontriptica.
Jenæ, 4to, pp. 32, cum tab. i.

1828. GRÜNENTHAL, A. F. W. *De Lithontripticis.
Berol. 8vo, pp. 30.

1834. SCHULTZE, G. H. *De Lithontripticis. Lipsiæ, 4to, pp. 40.

1837. CHEVALLIER, A. Essai sur la dissolution de la Gravelle et des Calcules de la Vessie. Paris, 8vo, pp. 172. English transl. by Edwin Lee, London, 1837, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1839. LEROY, J. J. Lettre à l'Académie de Médecine: Examen du rapport sur la question de la dissolution des calculs urinaires.
Paris, 8vo, pp. 71, with figs. 21.
Bibl. Med.-Chir. Soc.

1841. LEROY, J. J. Deuxième Lettre (*v.* 1839) sur la dissolution des calculs urinaires, et leur traitement chimique.
Paris, 8vo, pp. 40.

1842. WILLIS, R. On the Treatment of Stone in the Bladder by medical and mechanical means. London, 8vo.
Bibl. Med.-Chir. Soc.

1844. HOSKINS, S. E. Researches on the Decomposition and Disintegration of Vesical Calculi, and on the introduction of chemical decomponents into the living bladder. (Ex *Philosoph. Trans.*) London, 4to. *Bibl. Coll. Surg. Lond.*

This interesting paper tends to show the value of a solution of the nitro-saccharate of lead as a solvent of phosphatic calculi when injected into the bladder.

1846. DU MESNIL, E. J. B. De la Lithyménie, ou destruction des calculs vésicaux par les trigations intra-membraneuses..
Paris, 8vo, pp. 88, pl. i.

1852. JONES, H. BENCE. On the Dissolution of Urinary Calculi in dilute saline fluids by the aid of electricity. (From *Philos. Trans.*)
4to, loc. ?

1873. THOMPSON, SIR H. The Preventive Treatment of Calculous Disease, and the use of solvent remedies.
London, 12mo, pp. 72.

The view of this eminent surgeon is that the period at which a calculus should be attacked by solvents is whilst it is still in the kidney or in the process of formation, and that after it has passed into the bladder solvents are comparatively or altogether useless.

With reference to Mrs. Stephens's Nostrum.

[Which consisted of lime prepared by calcining the shells of eggs and snails made into pills with soap. The secret of its composition was purchased by the British Government for £5000.]

1739. STEPHENS, MRS. Receipt for the Stone and Gravel. London, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1739. HARTLEY, D. View of the evidence for and against Mrs. Stephens's Medicines as a solvent for the Stone. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

There are several other pamphlets on this subject by the same author.

1739. PITCARNE, O. Treatise on the Stone, wherein Mrs. Stephens's medicines are proved to be proper solvents. London, 8vo. *Bibl. Med.-Chir. Soc.*

1740. HALES, S. Experiments and Observations on Mrs. Stephens's Medicines for the Stone; with a supplement to D. Hartley's pamphlet on the same. London, 8vo. *Bibl. Med.-Chir. Soc.*

1741. GEM, R. On Mrs. Stephens's Remedy for Stone. London, 12mo. *Bibl. Med. Soc. Lond.*

1742. PARSONS, J. *Vide* page 164 (1742).

1742. RUTTY, J. Experiments and Observations on Joanna Stephens's Medicine for the Stone, with the case of James Jurin. London, 8vo. *Bibl. Med.-Chir. Soc.*

The above are but a few of the works on Mrs. Stephens's nostrum. For others, chiefly foreign, see *Ploucquet, Literatura Medica Digesta*, vol. i, p. 94-95.

METALS AND MINERALS.

(In relation to Therapeutics.)

1695. HOFFMANN, F. Metallurgia morbifera. Halæ, 4to. Idem, London, 1713, 8vo. German transl. in Diætet. vol. ix, 1728, 8vo.

Bona disputatio. De ortu et formatione metallorum. De morbis saturninis et colica plumbaria. Vapores metallici. Aqua sulphur olens Clausthhaliensis perniciosa. Arsenici noxæ. Paralysis mercurialis. Ex fumo antimonii apoplexia. Cuprum asthmaticum. Stannum non omnino innoxium esse.—*Haller, Bibl. Med, Pract.*, iii, p. 551.

1714. CHAMBON, —. Traité des Métaux et des Minéraux, et des remèdes qu'on peut en tirer. Paris, 8vo. *Bibl. Coll. Surg. Lond.*

1722. HOFFMAN, F. De Balneorum artificialium ex scoriis Metallorum usu medico. Halæ, 4to. Idem, Ulmæ, 1726, 8vo.

Ad dolores colicos, contractiones, paralysin, scabiem repulsam per balneum revocandam.—*Haller*, vol. iii, p. 566.

1732. HEBENSTREIT, J. E. Diss. medica de viribus Minerarum, et Mineralium medicamentosis. Lipsiæ, 4to.

1743. WENDELIN, J. G. De medicamentis Metallicis. Halæ, 4to.

1751. BAUER D'ADELSBACH, —. Diss. de Metallorum noxâ in ciborum potuum et medicamentorum præparatione ac asservatione cavendâ. Prague, 4to.

1779. BAUMER, J. G. Consignatio omnium Mineralium in usum medicum. Francof. ad-Mœn. 8vo.

1787. CAELS, T. P. De la cure des maladies produites par l'abus des Minéraux. Trad. du Latin. Paris, 8vo. *Bibl. Roy.*

1795-6. MURRAY, J. A. Apparatus medicaminum. Pars ii. Regnum Minerale auctior a J. F. Gmelin. Gottingæ, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1813. KAPP, G. L. K. Lehrbuch der praktischen Arzneimittellehre der Metalle, nach den neusten Verbesserungen in der Medizin, &c. Nürnburg, 8vo. *Bibl. Roy.*

1818. DENIZE, G. A. *Colique produite par les Métaux. Paris, 4to.

1818. CLEMENÇON, T. *Des substances Minérales considérées dans leurs rapports avec la médecine. Paris, 4to.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts, Strontians, &c., auf d. thierischen Organismus. (Experiments on the effects of baryta, strontia, chrome, molybdenum, tungsten, tellurium, titanium, osmium, platinum, iridium, rhodium, palladium, nickel, cobalt, uranium, cerium, iron, and manganese, on the animal system.) Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*

This treatise was intended to supply the deficiencies existing at that time in the knowledge of the poisonous properties of metals, and by this means to inform the physician what are deleterious and what are not, and to enable the toxicologist to complete the classification of poisonous metals. The experiments, made chiefly on the dog and the rabbit, seem to have been conducted with great care, yet some of the results are at variance with the best established doctrines of toxicology as at present understood. For an analytical review of this important work see *Edin. Med. Surg. Journal*, xxvi, 1829, p. 131-139.

1833. MECKLENBURG, J. M. *Sciagraphia Metalloidum officinalium, una cum expositione effectuum quos exserunt in organismum humanum. Berol. 8vo, pp. 32.

1836. LAMBOSSY, J. M. *Considérations physico-chimiques relatives à l'absorption des médicamens Minéraux. Strasbourg, 4to.

1838. STEPHENSON, J., and CHURCHILL, J. M. Medical Zoology and Mineralogy. With coloured illustrations. London, 8vo. *Bibl. Coll. Phys. Edin.*

The therapeutical portions of this work relating to metals and minerals contain little that is noteworthy.

1853. BURQ, V. Metallothérapie: Traitement des maladies nerveuses, &c. Paris, 8vo. German transl. Leipzig, 1854, 8vo. See also "Cuprum." *Bibl. Med.-Chir. Soc.*

1853. BIELICKI, R. Quædam de Metallorum Albuminatibus, eorumque effectu ad organismum animalium. Dorpati, 8vo, pp. 41.

1853. BURQ, V. Choléra: Préservation et traitement par les Métaux. *Vide* "Cuprum." Paris, 8vo, pp. 16.

1864. BRUC, C. DE. Sull' assorbimento dei Medicamenti Minerali. Napoli, 12mo.

1869. MAILLES, L. *Étude sur les Sels des Métaux alcalins. Paris, 4to.

NARCOTICS, ANODYNES, HYPNOTICS.

1599. SINAPIUS, C. A. Tractatus de remedio doloris seu materia Anodynorum. Amst. 8vo.

1654. BOURGEOIS, J., et ALANI, L. *Ergo Phrenitidi Narcotica. Paris, 4to.

1668. LE LONG, C., et MAHIEU, H. *Ergo Arthritide Hypnotica. Paris, 4to.

1681. BORRICHIUS, O. De somno et somniferis maximè papavereis. Hafniæ, 4to. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1726. (ANON.) Réflexions sur l'usage de l'Opium, des Calmants et des Narcotiques, pour la guérison des maladies. *Bibl. Roy.*

1740. BARON, —. *An Variolis Narcotica? Paris, 4to.

1747. HAMBERGER, G. E. *De Hypnoticis et Narcoticis. Jenæ, 4to.

1749. STILITA, C. Riflessioni sopra alcuni Somniferi. Milan, 8vo.

1762. EBERHARDT, J. P. De actione Narcoticorum in fluidum nerveum &c. Halæ, 8vo. *Bibl. Roy.* (1702?)

1762. SCHROETER, S. G. Des sentimens de douleur et des remèdes Narcotiques. (In German.) Halæ, 4to.

1769. GREDING, J. C. De Narcoticorum viribus in Epilepsia (Adversaria de Ludwig). Lipsiæ, 8vo.

1780. DUCHANOY, —. Mémoire sur l'usage des Narcotiques dans les Fièvres Intermittentes, (ou nouvelle méthode de traiter les fièvres d'accès). Paris, 12mo.

1793. DÖLZ, J. C. *Nova experimenta circa quædam venena ex Narcoticorum genere. Altorfii, 8vo, pp. 44.

1797. RADESEY, J. F. *De Narcoticorum usu in Mania, &c. Francof. ad Viad. 8vo, pp. 24.

1797. HULL, T. *De plantis quæ vi Narcotica maxime pollent. Edinburgh, 8vo. *Bibl. Med.-Chir. Soc.*

1799. KONDURA, A. De Narcoticorum remediorum virtute. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*

1804. KÖSTLIN, C. H. De materiis Narcoticis regni vegetabilis, earumque ratione botanica. Tubingæ, 4to.

1806. LARACINE, G. J. A. *Sur l'emploi des Narcotiques. Paris, 4to.

1811. KRAUS, L. A. Ueber die Wirkung und den Gebrauch der Narkotisch- und Scharfen-Mittel. Göttingen, 8vo.

1814. KNOX, R. *Vide* "Stimulants."

1816. DALMAN, J. W. *De Narcoticis observationes. Præs. C. P. Thunberg. Upsaliæ, 4to, pp. 8.

A brief account of narcotics, especially those derived from the vegetable

kingdom, of which a list arranged on the Linnean system is appended. It contains nothing particularly noteworthy.

1820. RAUMER, C. L. *De similitudine in effectus Venenorum Acrium et Narcoticorum. Berol. 8vo, pp. 25.

1826. BLUMENRÖDER, G. *De Hypnoticis. Erlangæ, 4to, pp. 73.

1829. ESDAILE, J. *De Narcoticis. Edin. 8vo.

1837. WEBER, J. *Bases et Acida plantarum Narcoticorum. Pesthini, 8vo, pp. 70.

1840. GRABACHER, A. De venenis Narcoticis veneficiisque eorum usu inductis. Vindobonæ, 8vo, pp. 24.

1842. PICKFORD, P. Quædam de Narcoticis: commentatio. Heidelberg, 4to.

1844. GREINER, G. F. C. Die narkotisch. Mittel, &c. Leipzig, 8vo.

1845. WILLIAMS, J. An essay on the use of Narcotics and other remedial agents calculated to produce sleep in the treatment of Insanity. London, 8vo, pp. 120.

Dr. Williams has bestowed great attention on his subject, and presents us in a small compass with a large amount of practical and judicious observations on the various remedies employed in the treatment of insanity. He treats of bleeding, local and general, purgatives, emetics, narcotics, stimulants, tonics, the warm bath, exercise, &c.—*Brit. and For. Med. Rev.*, July, 1846. The value of each article is very fairly and judiciously stated.—*Med.-Chir. Rev.*, July, 1846, p. 287.

1845. HONOLD, C. *Ueber die Erweiterung der Pupille durch Narcotica. Schwäb. Hall, 8vo.

1852. VAN PRAAG, J. L. Proeve einer historisch-kritische Beschouving der Narcotica. Tiel, 8vo.

1854. COZE, L. Histoire naturelle et pharmacologique des médicaments Narcotiques fournis par le règne végétal. Strasbourg, 4to, pp. 71, tab. iii.

1855. BIBRA, E. F. VON. Die narkotischen Genussmittel und der Mensch. Nürnberg, 8vo, pp. 398. *Bibl. Med.-Chir. Soc.*

1856. NAUMANN, F. C. De Venenis quæ dicuntur Narcotica experimenta quædam physiologica. Regiomonti, 8vo, pp. 32.

1857. LANDRY, O. De l'emploi du Chloroforme et des Narcotiques comme agents thérapeutiques et comme moyen de diagnostic dans certaines paralysies. Paris, 8vo, pp. 67.

1858. BRAID, J. Hypnotic Therapeutics. Edin. 8vo. *Bibl. Manchester Med. Soc.*

1860. JABLONOWSKI, J. De Santonini...Narcotici, &c., intra organismum humanum rationibus. Dorpati, 8vo, pp. 37.

1861. MITSCHERLICH, PROF. C. G. Lehrbuch der Arzneimittellehre. Bd. iii, Medicamenta Narcotica. Berlin, 8vo, pp. 279-508. *Bibl. Med.-Chir. Soc.*

1863. PERLA, F. Sull' uso dei remedi Narcotici nell trattamento della Alienazione mentale. Epistola medica. Naples, 8vo.

1864. ANSTIE, F. E. Stimulants and Narcotics; their mutual relations, &c. London, 8vo, pp. 510. *Vide* "Stimulants."

1869. FRONMÜLLER, D. Klinische Studien über die schlafmachende Wirkung der narkotischen Arzneimittel.
Erlangen, 8vo, pp. 101 cum tab. 6.

For an abstract of Fronmüller's interesting experiment on Hyoscyamus, Cannabis, Lupulin, Solanin, &c., see *Brit. and For. Med.-Chir. Rev.*, xxxix, April, 1867, p. 526-7.

NEUROTICS.

1869. HARLEY, J. The Old Vegetable Neurotics—Hemlock, Opium, Belladonna, and Henbane; their physiological action and therapeutical use alone and in combination. London, 8vo, pp. 355.

An important work, justly described in the *Dublin Journ. of Medical Science* (vol. li, p. 194) "a model of accurate pharmaceutical and therapeutical inquiry." The author's experiments, evidently conducted with great care and in a philosophical spirit, tend to throw much new light on the physiological action and therapeutic uses of the articles which he includes under the term "old vegetable neurotics." Further, *vide* "Atropa Belladonna," "Conium," "Hyoscyamus," and "Opium."

1871. CLOUSTON, T. S. The action of Neurotic Medicines in Insanity. (Ex *Brit. and For. Med.-Chir. Rev.*, Oct., 1870, and Jan., 1871.) London, 8vo, pp. 38.

A very elaborate and exhaustive essay, for which the Fothergillian Gold Medal was awarded by the Medical Society of London in 1870. The main object of the investigation was to enquire into the use of opium, bromide of potassium, and cannabis indica, in maniacal insanity, especially of the two latter drugs given in combination.—*Dublin Journ. Med. Soc.*, Aug., 1871, p. 208.

NITRITES.

1869. GAMGEE, A. Researches on the Blood. On the action of the Nitrites on the Blood. Edinburgh, pamphlet.

The author has devoted himself to experiments to determine the action which the nitrites exert upon the blood and its colouring matter, which had not hitherto been investigated...All those interested in the really scientific consideration of therapeutics must feel grateful to him for the very large amount of labour and careful observation which this record of his experiments shows that he has taken.—*Practitioner*, June, 1869, p. 353-4.

OILS (Expressed or Fatty).

(In reference to Therapeutics.)

1603. PARISIUS, P. Breve discorso sopra il medicamento di Vino ed Oglio per guarire ogni sorte di ferita. Palermo, 4to. French transl. Paris, 1607, 8vo.

Chirurgici scopi.—*Haller, Bibl. Bot.*, i, p. 401.

1697. WEDEL, G. W. *De Oleosorum naturâ, usu et abusu.
Jenæ, 4to.

1747. BÜCHNER, A. E. *De Oleis expressis eorumque modo agendi et usu. Resp. F. B. O. Schroeter. Halæ, 4to.

1773. FLENSBORG, H. *De Oleorum ex vegetabilibus expressorum usu medico. Hafniæ, 8vo.

1781. HEILMANN, F. *De usu legitimo Oleosorum in variis morbis. Basileæ, 4to. *Bibl. Acad. Edin.*

1781. PICHLER, J. F. C. *De Oleorum unguinosorum usu in morborum medela. Argentorat. 4to, pp, 47; ibid. 1786.
Bibl. Coll. Surg. Lond.

1783. BERNIERE, W. A. *De Oleorum dulcium virtute medica resolvendi. Duisburgi, 8vo.

1787. TRINDER, W. M. On the outward and salutary application of Oils on the human body. London, 8vo. Second ed. much enlarged under the title of 'The English Olive Tree, or a treatise on the use of Oil and the Air-bath, &c.' London, 8vo, 1802.

1801. WYTTENBACH, C. *De Oleis eorumque usu medico.
Gottingæ, 8vo.

1811. IMMERMANN, W. *De Oleorum fixorum, volatilorum et empyreumaticorum notione atque natura. Gottingæ, 8vo, pp. 44.

1817. BEGUIN, P. Sur les propriétés alimentaires et médicamenteuses des Huiles fines en général et de celle d'Olives en particulier. Strasbourg, 4to.

1855. THOMPSON, THEOPHILUS. Lettsomian Lectures on Pulmonary Consumption, &c., with remarks on the comparative value of Cocoa-nut and other Oils, &c. London, pamphlet.

Dr. Thompson's observations on the influence of oils and oleaginous substances in phthisis present many points of interest. Thus, he concludes from his investigations that almond and olive oils are inefficient, that cocoa-nut oil is in many instances useful, neat's-foot oil valuable when the stomach will not bear cod-liver oil, and that most fish oils generally resemble one another in their remedial properties, although they differ in their aptitude for digestive assimilation. The conclusion to which his remarks lead us is that cod-liver oil, when pure, is by far the best oleaginous remedy for general use, but that when the digestive organs are too weak to assimilate it it may be advantageously introduced into the system by inunction.—*Lancet*, May, 19, 1855, p. 517.

OILS (Distilled or Essential, or Volatile.)

(In reference to Therapeutics.)

1592. SCHYLANDER or SHILANDER, C. His Chirurgerie, with an easie maner of drawing Oyle out of Wound-hearbes, Turpentine, Guaiacum, and Waxe. Translated from the Latin by S. Hobbes. London, 4to. *Bibl. Med.-Chir. Soc.*

1670. MEIBOMIUS, J. H. De Oleorum stillatitiorum natura et usu in genere. Helmstadii, 4to.

1696. ROSENBERG, G. H. De Oleis destillatis. Jenæ, 4to.
Bibl. Coll. Phys. Lond.

1745. WALTHER, A. F. De Oleis essentialibus. Lipsiæ, 4to.

Varia ejus modi olea dixit ut ex Galbano; Cœruleum, ex Sesili montano, &c.—*Haller, Bibl. Bot.*, ii, p. 259.

1747. ZIEGLERUS, J. P. *Diss med. de Oleorum distillatorum usu multiplici, præcipue in castris. Altorfii, 4to.

1752. BÜCHNER, A. E. *De Oleis essentialibus. Halæ, 4to.

1756. MÜLLER, G. A. *De Oleis essentialibus seu Æthereis. Giessæ, 4to.

1857. VIDAL, J. Des Huiles médicinales. Montpellier, 8vo, pp. 36.

1867. MAIER, J. Die aetherischen Oele. Stuttgart, 8vo, pp. 201, tab. i.

1873. GRISAR, —. *Experimentelle Beiträge zur Pharmakodynamik der aetherischen Oele. Bonn.

A very interesting research, conducted in the laboratory of Prof. Binns at Bonn. Under his direction the author experimented with oil of valerian, oil of chamomile, eucalyptol, camphor, and oil of cummin. For abstract of results obtained see *London Med. Record*, Feb. 4, 1874, p. 71-2.

PERMANGANATES, ALKALINE.

1863. CONDY, H. B. *Vide* "Disinfectants," 1863.

1866. MUTER, J. The Alkaline Permanganates and their medicinal uses. London, 12mo, pp. 48. *Bibl. Med.-Chir. Soc.*

A warm eulogy of the virtues of the alkaline permanganates introduced by Mr. Condy. After alluding to the various cases where they have already been found useful, the author suggests their inhalation by the aid of the atomizers of M. Sales-Girons in cases of lung disease with offensive sputa, in diphtheritic and scarlatinal sore throat, &c.—*Medical Times and Gaz.*, March 21, 1866, p. 357.

1867. CONDY, H. B. Question de priorité—Propriétés Désinfectantes des Permanganates Alkalins. Paris, 8vo, pp. 48.

To claim the priority of an invention, which was most certainly his due, was perfectly right and proper on the part of Mr. Condy, his labours in this respect having been overlooked by M. Demarquay, but he should have stopped here; the addition of the commendatory extracts, from all sorts of sources, is not worthy of a man of science, justly tenacious of his rights.—*Medical Times and Gaz.*, Aug. 10, 1867, p. 161.

PHOSPHATES, ALKALINE (vide Calcis Phosphas).

PROPHYLACTICS.

1748. HEBENSTREIT, J. E. De officio medici et Prophylaxi morborum. Lipsiæ, 4to. *Bibl. Med. Soc. Lond.*

1780. FREWEN, T. Physiologia, or the doctrines of Nature...and on remedies Prophylactic and Therapeutic. London, 8vo.

1781. MEIER, J. A. *De Prophylaxi morborum epizooticorum. Erlangæ, 4to, pp. 34.

1800. ENGELHART, J. H. *Aphorismi de Prophylactico medendi consilio. Resp. L. Sjöblom. Lundæ, 4to, pp. 21.

1805. VOSS, W. F. L. *De Prophylaxi quam curam Prophylacticam vocant. Jenæ, 4to.

1813. PERRIER, J. L. *Sur les causes et sur les moyens Préservatifs des Maladies épidémiques. Paris, 4to, pp. 34.

1815. ZWICKY, F. *De Prophylaxeos medico-politico rationibus in morbis epidemico-contagiosis. Erlangæ, 8vo.

1818. KIRSTEN, A. F. W. *Diss. exhibens aphorismos medicinam Prophylacticam spectantes, &c. Vratislaviæ, 4to.

1826. FOUREAU DE BEAUREGARD, L. Vues Prophylactiques et curatives sur la Fièvre Jaune. Paris, 8vo, pp. 23.

1827. HEMMER, G. W. *De Scarlatina et de remediis adversus eam Prophylacticis. Marburgi, 8vo, pp. 55.

1830. MINTON, T. *Observationes circa Prophylaxin in morbis contagiosis. Lund. 4to.

1850. BASCOME, E. Prophylaxis, or the mode of preventing Disease by a due appreciation of the grand elements of vitality—Light, Air, and Water. London, 8vo, pp. 29.

In this pamphlet Dr. Bascome cites from history many instances of the occurrence of disease and death from deficiency of the "grand elements of vitality," and enforces the paramount importance of their supply in purity and abundance, as the basis of all sanitary measures.—*London Med. Gazette*, Nov. 15, 1850, p. 850.

1852. GASTIER, —. De la Prophylaxie en général, de son application aux maladies épidémiques et aux affections chroniques héréditaires. (Nouv. éd.) Paris, 18mo, pp. 108.

1253. DESMARTIS, T. P. Deuxième mémoire sur les Prophylaxies et les Antagonismes. Montpellier, 8vo, pp. 20.

1867. ORDRONAUX, J. Prophylaxis: an Anniversary Oration delivered before the New York Academy of Medicine. New York, 8vo.

1872. VIDAL (DE CASSIS), P. Essai sur la Prophylaxie des Fièvres chirurgicales. Paris, 8vo, pp. 58.

1873. COLIN, L. La Variole au point de vue épidémiologique et prophylactique. Paris, 8vo, pp. 159, avec 3 fig. de tracés.

1873. MASCAREL, J. De la Prophylaxie de la Phthisie Pulmonaire, ou moyens de prévenir cette maladie. Paris, 8vo, pp. 29.

PURGATIVES,

(Including Cathartics, Hydragogues, etc.)

1529. VALLA, G. De universi corporis Purgatione, &c. Argent. 8vo. *Bibl. Coll. Phys. Lond.*

1537. TAGAULTIERS, J. Commentariorum de Purgantibus medicamentis simplicibus libri duo, Paris, 4to. Ibid. Lyon, 1549 et 1553, 12mo; Paris, 1571, 8vo. *Bibl. Radcliffe* (ed. Lugd. 1549, 8vo).

1539. HIPPOCRATES. De Medicamentis Purgatoriis libellus. Basil. 4to. *Bibl. Coll. Surg. Lond.*

1541. GAZIUS, A. Quo medicamentorum genere Purgationes fieri debeant. Basil. folio. *Bibl. Facult. Glasgow.*

1544. GALEN, C. De Purgantium medicaminum facultate. J. Polto interprete. Basil. 4to. *Bibl. Coll. Surg. Lond.*

1547. PATERNUS, B. De humorum Purgatione circa morborum initia tendanda. Romæ, 8vo. Alt. ed. Spiræ, 12mo, 1581 et 1587. *Bibl. Med. Soc. Lond.* (ed. 1587).

1552. PUTEANUS, G. De medicamentorum Purgantium nomine et ratione. Lugd. Bat. 4to. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1553. BONACOSSUS, H. De humorum exsuperantium signis, medicamentisque Purgatoriis opportunis liber. Bononiæ, 4to.

1554. RUFFUS EPHESIUS. De vesicæ morbis: de Purgantibus medicamentis, &c. Paris. 8vo. *Bibl. Coll. Phys. Edin.; Radcliffe* (ed. Gul. Clinch, London, 4to, 1726).

1555. SOCIUS, N. De temporibus et modis recte Purgandi in morbis. Lugd. Bat. 12mo.

1556. BRASAVOLUS, A. M. Tractatus de medicamentis tam simplicibus quam compositis, Catharticis. Lugd. 8vo. *Bibl. Coll. Phys. Lond.*

1565. FALLOPIUS, G. De simplicibus medicamentis Purgantibus. Padovæ, 4to. Alt. ed. Venetiis, 1566. Also in vol. i. of his collected works. Francof. 1600-6.

Præter multa *generalia* quæ ex more seculi præmittit, singula etiam medicamenta purgantia describit ad clinicos tamen potissimum usus, *e.g.* cassia lignea, elaterium, helleborus alba, &c. Vide *Haller, Bibl. Bot.*, i, p. 338.

1568. INGRASSIAS, J. P. Quæstio de Purgatione per medicamentum. Venetiis, 4to. *Bibl. Coll. Surg. Lond.*

Short abstract in *Haller, Bibl. Med. Pract.*, ii, p. 69.

1568. MENA or MINA, F. DE. Methodus febrium...curatorius...et de Purgantibus medicamentis. Antverpiæ, 4to.

1573. CRONENBERGIUS, B. D. De medicamentis Purgantibus. Colon. 4to. *Bibl. Med. Soc. Lond.*

1574. ERASTUS, T. De medicamentorum Purgantium facultate, Basil, 4to. Idem, Tiguri, 1595, 4to. *Bibl. Coll. Phys. Lond.*

1574. DODONÆUS, R. Purgantium, tum et radicum Convolvulorum historia. Antverpiæ, 8vo, pp. 505. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.; Coll. Phys. Edin.*

1587. MENA, F. Comment. in libros Galeni de sanguinis missione et Purgatione. August. Taurin, 12mo. *Bibl. Med.-Chir. Soc.*

1591. NEHEMIAS, A. Methodi medendi universalis per sanguinis emissionem et Purgantionem libri duo. Venet. 1591. Alt. eds. Venet. 1604, 4to, and 1606, 4to.

1593. GRAMANNUS, J. Tract. de pharmaco Purgantis, quod Galeni mancipia, pseudomedici, suis Purgantibus uti non possint. Erphordiæ, 4to. *Bibl. Med.-Chir. Soc.*

1598. MASSARIA, A. Disp. duæ: 1, de mittendo sanguine; 2, de Purgatione. 2nd ed. Vicentiæ, 4to. *Bibl. Radcliffe.*

1600. ELLENBERGER, H. De Purgantium medicamentorum, et purgandorum humorum natura. Marburgi, 4to.

1603. DORNCRELLIUS, T. Tractatus de Purgatione. Hamburgi, 12mo. *Bibl. Acad. Edin.*

1621. SEBIZIUS, M. Disputationes xiii de recta ratione Purgandi. Argentorati, 4to. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1623. MESUA, J. Opera de medicamentorum Purgantium delectu et usu, &c. Venetiis, 2 vols. folio. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1628. PICINI, M. Antithesis veteris et recentis medicinæ, seu de usu medicamenti Purgantis in febribus. Neapol. 4to.

1630. FREITAG, J. Aurora Medicorum, &c., seu de rectâ Purgandi methodo. Francof. 4to.

1631. POSCADIUS vel PAASCHE, H. Purgatorium medicum, continens medicamentorum Purgantium præparationes, usum, &c. Hafniæ, 8vo.

1640. GARDINIUS, L. Medicamenta Purgantia, &c. Duaci, 18mo. *Bibl. Med.-Chir. Soc.*

1644. LICHTENFELDT, S. K. DE. *Disp. med. de Purgatione. Lugd. Bat. 4to. *Bibl. Coll. Phys. Edin.*

1646. GESNER, C. Enumeratio Purgantium, &c. *Vide* "Emetics, 1646.

1648. CATANIA, F. De medicamento Purgante. Panorm. 4to. *Bibl. Med. Soc. Lond.*

1651. TULLONE, R. DE, et SART, A. DE. *Ergo Purgatio necessaria menstruis inordinate fluentibus. Paris, 4to.

1654. PUTEANUS, W. De occultis pharmacorum Purgantium facultatibus. Lugduni, 12mo. *Bibl. Med.-Chir. Soc.*

1661. STEPHANIDES, A. *De Purgatione. Lugd. Bat. 4to. *Bibl. Acad. Edin.*

1665. WAGNER, J. E. De Purgatione. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1666. GERVAISE, N. Catharsis seu Ars Purgandi corporis humani Carmen. Paris, 4to.

1667. ROLFINCIUS, G. Liber de Purgantibus vegetabilibus. Jenæ, 4to, pp. 454. Alt. ed. 1684. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

Doctum opus: singula medicamenta quæ alvum ducunt ex Græcis et Arabicis fontibus describit, præparationes et formulas congerit, quas quodque simplex medicamentum ingreditur, viresque medicales exponit. Naturam non totam neglexit, vitio tamen seculi ejus sui hanc curam minoris fecit.—*Haller, Bibl. Bot.*, i, p. 537.

1668. ALTHUSIUS, H. *De Purgatione. Lugd. Bat. 4to. *Bibl. Acad. Edin.*

1672. PECHLINUS, J. N. De Purgantium medicamentorum facultatibus. Lugd. Bat. 8vo. Alt. ed. Amsterdam, 1702, 12mo. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.; Acad. Edin.; Med. Soc. Lond.*

Short abstract in *Haller, Bibl. Pract. Med.* iii, p. 221.

1669. HAMMERER, J. C. Καθαρτολογια. Argent. 8vo.
Bibl. Coll. Surg. Lond.

1674. MÜLLER, J. D. Remoræ ac impedimenta Purgationis. Altdorfii, 4to. *Bibl. Coll. Surg. Lond.*

1675. DE FOUR, D. *De Purgantibus rite adhibendis. Præs. G. W. Wedel. Jenæ, 4to. *Bibl. Med. Soc. Lond.; Radcliffe.*

1676. BRUNO, J. P. Remoræ ac impedimenta Purgationis in scriptis Hippocratis detecta. Altdorfii, 4to. *Bibl. Med.-Chir. Soc.*

Against the use of purgatives.

1684. THEVART, A., et BELESTRE, F. DE. *Ergo sedando Colico dolori Purgatio. Paris, 4to.

1691. POSCOLAN, G. De Medicamentis Catharticis in genere et in specie. Partes iii. Hafniæ, 4to.

1693. HEINSIUS, E. De Purgationibus. Lipsiæ, 4to.
Bibl. Med. Soc. Lond.

1696. YON, P., et PLONMIER, J. C. *Non ergo in Asthmatis paroxysma Purgandum. Paris, 4to.

1696. THUILLIER, C., et YON, A. DE S. *Ergo in Dysuria diureticis præferenda Purgatio. Paris, 4to.

1696. MAYNWARING, E. On the efficacy and extent of true Purgation. London, 4to.
Bibl. Coll. Phys. Edin.; Med. Soc. Lond.

1702. CRUEGERUS, J. *De Purgantium mechanica. Jenæ, 4to.
Bibl. Coll. Phys. Edin.

1703. HOFFMANN, F. De Purgantibus fortioribus ex praxi ejiciendis. Halæ, 4to.

De eorum vi lethali, et modo quo conpescantur. Veratrum album, semina cataputiæ, et alia similia rejecit.—*Haller, Bibl. Bot.*, ii, p. 21.

1704. HOFFMANN, F. De Purgantibus selectis et minus cognitis. Halæ, 4to.

Laudat semen violæ et essentiam centaurii minoris ad 60 guttas propinatam.—*Haller, op. cit.*

1706. WOLFFS, P. Orgasmum, purgantia in Febribus acutis urgens. Halæ Magd. 4to. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

1708. GOELICKE, A. O. *De damnis Purgantium in diathesi phthisico-hydropica. Lipsiæ, 4to.

1709. SEBIZIUS, J. G. De Purgatione. Argentorati, 4to.
Bibl. Med.-Chir. Soc.

1709. SEDELIUS, J. S. De genuino Purgationis usu in Dysenteriâ. Jenæ, 4to.

1715. KENNEDY, P. On the external use of Purgatives. *Vide* "Tropical Remedies," 1715.

1719. FREIND, J. De Purgantibus in secunda Variolarum confluentium febre adhibendis. Epist. ad R. Mead. London, 4to. Alt. ed. Rotterdam, 1720, 12mo.; Lugd. Bat. 1734, 4to.
Bibl. Radcliffe; Med. Soc. Lond. (ed. 1720).

1722. DWIGHT, S. De Vomitione et Purgatione, &c. *Vide* "Emetics," 1722.

1724. DEPRÉ, J. F. De Purgantibus in diebus canicularibus cautè dandis. Erfordiæ, 4to.

1729. HECQUET, P. Remarques sur l'abus des Purgatifs et des Amers au commencement et à la fin des maladies. Paris, 12mo. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.* (1748 ?)

1737. HERLITZ, A. I. G. *De electione Purgantium. Gottingæ, 4to. *Bibl. Med. Soc. Lond.*

1737. PRAUN, J. DE. De congruâ Purgantium quorundam ad morbos applicatione. Argentorati, 4to. *Bibl Med. Soc. Lond.*

1740. DICKSON, M. *De Purgantibus. Edin. 8vo. *Bibl. Med. Soc. Lond.*

1746. TRUPPEL, C. F. De cauta alvi solutione in morbis. Halæ Magd. 4to. *Bibl. Med.-Chir. Soc.*

1749. BAIER, F. J. *De abusu Purgantium. Altdorfii, 4to. *Bibl. Med. Soc. Lond.*

1752. ZEVIANI, G. V. Metodo circa l'uso della Purga e del salasso. Verona, 4to; idem, Napoli, 1775, 12mo. *Bibl. Acad. Edin.* (ed. 1775).

1761. MURAT, G. H. *De Catharticis. Montpellier, 4to. *Bibl. Med. Soc. Lond.*

1762. DUPREY, A. *Tentamen de Purgantibus. Montpellier, 4to. *Bibl. Med.-Chir. Soc.*

1766. BUECHNER, A. E. *De Purgantium resinarum et gummarum conversione, &c. Resp. Kruse. Halæ, 4to.

1766. LINNÆUS, C. *Purgantia indigena. Resp. P. Strandmann. Idem in *Amœnitates Acad.* vol. vii, p. 293. Upsaliæ, 8vo. *Bibl. Lin. Soc.; Bank's; Med. Soc. Lond.* (*sub. nom.* Strandmann).

The principal indigenous purgatives enumerated in this thesis are Rhamnus Frangula (cortex), Rhamnus catharticus (baccæ), Linum catharticum (herba), Eupatorium cannabinum (folia, radix), Genista tinctoria (semina et flores), Prunus spinosa (flores), Berberis vulgaris (cortex), Convolvulus sepium (radix), Valeriana officinalis (radix), Sambucus Ebulus (radix), Bryonia alba (radix), Lichen aphthosus, Lycopodium Selago, Polypodium vulgare, Thalictrum aquilegifolium, Gratiola officinalis, and Asarum Europæum. To each of these are added notes on their properties, doses, &c.

1769. DUNCAN, A. (senior). Diss. de Purgantium natura et usu. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1775. LINNÆUS, C. *Medicamenta Purgantia. Resp. J. Rotheram (Anglus). Idem in *Amœnitates Acad.* vol. ix, p. 245. Upsaliæ, 8vo. *Bibl. Lin. Soc.; Banks.*

Divides purgatives into five classes: 1. Amara (aloes, colocynth, elaterium, &c.). 2. Acria (jalap, scammony, hellebore, &c.). 3. Styptica (rhubarb). 4. Acida (tamarind). 5. Dulcia (cassia fistula, manna, &c.). The appended remarks present nothing noteworthy, excepting with regard to some of the indigenous purgatives, Rhamnus, Asarum, Bryony, Cyclamen, &c.

1775. CHERPENTIER DE LAURIERE, L. G. *De Purgantibus in morbis acutis. Montpellier, 4to. *Bibl. Med.-Chir. Soc.*

1780. LOBO, A. S. DE MACEDO. Carta apologetica sobre a necessidade de practicar os remedios Purgantes em toda a sorte de febres erysipelatosas. Lisboa, 8vo.

1784. AANINCK, T. *De Purgantibus. Lugd. Bat. 4to, pp. 28.

1790. TODE, J. C., et KOEFOED, J. Diss. Drasticorum in genere atque Colocynthidis in specie vindicias sistens. Hafniæ, 8vo.

1792. HULL, J. *De Catharticis. Lugd. Bat. 8vo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1793. WADE, J. P. Nature and effects of Emetics, Purgatives, &c., in disorders of Bengal and similar latitudes. *Vide* "Hydrargyrum," 1793. London, 8vo.

1796. ANDERSON, J. *Vide* "Evacuants," 1796.

1796. GEHRING, F. F. *De methodi laxantis et Purgantis usu et abusu. Halæ, 4to, pp. 43. *Bibl. Coll. Phys. Edin.*

1799. CASPAR, S. E. De Alvi ductione ad arcendos secundarios Febris Scarlatinæ morbos efficacissima. Traj. ad Viad. 8vo.
Bibl. Coll. Phys. Edin.

1800. ÖETLY, —. De mira dosis Purgantium medicamentorum diversitate inter varias gentes, classes hominum, et individua. Altdorfii, 4to.

1803. (Ann. xi.) GUILBERT, J. N. *Des Purgatifs à la cessation des menstrues. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1805. LOISELEUR DES LONGCHAMPS, J. L. A. *Recherches sur l'ancienneté des Purgatifs; sur les Purgatifs indigènes. Paris, 8vo.
For further valuable remarks by the same author on the indigenous purgatives of France see *Bull. de Soc. Méd. de Paris*, 1806, p. 86 *et seq.*

1805. ORPEN, A. E. *De usu Purgantium. Edin. 8vo.
Bibl. Manchester Med. Soc.

1805. HAMILTON, J. Observations on the utility and administration of Purgative Medicines in several diseases. Edinburgh, 8vo, pp. 320. Went rapidly through several editions. Eighth and last ed. 1826. French transl. by A. Lafisse, Paris, 8vo, 1825. Italian transl. by A. Bonanno, Catanea, 8vo, 1818; ibid. 1825, 2 vols. 8vo. German transl. by J. Müller, Leipzig, 8vo, 1825.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

A standard work of considerable merit. After some general introductory remarks the author proceeds to deliver in distinct chapters his observations on the use of purgative medicines in typhus fever, scarlatina, the marasmus of childhood and early youth, chorea, chlorosis, hæmatemesis, hysteria, and some chronic diseases. And under the same titles, in a copious appendix, are detailed a variety of cases illustrating the practice recommended in the context. . . . . The second edition (Edin., 1806, 8vo, pp. 348) contains further observations on hysteria and tetanus and their treatment by purgatives. See *Edin Med. Surg. Journal*, ii, 1806, p. 97 *et seq.*, p. 454 *et seq.*

1807. CLIBBERN, J. *De Purgantium usu in Febribus. Edin. 8vo.
Bibl. Coll. Phys. Edin.

1810. TITLEY, J. M. *De alvi Purgantium natura. Edin. 8vo.

1820. LEGOUAIS, A. P. *Emploi des Purgatifs dans le traitement de la Péritonite Puerpérale. Paris, 4to, pp. 78.

1821. STAFFORD, G. *De natura et usu Medicamentorum Purgantium. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1822. CHURCHILL, J. M. On the use of Purgatives in Gonorrhœa. *Vide* "Cubeba."

1824. CONDY, W. De Remediis Purgantibus. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*

1824. GEARY, W. J. *De usu Purgantium Mercurialium ampliori in Febribus. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1825. WILLISON, J. *De Purgantium Hydropicis utilitate. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1825. WOODFORDE, J. *De usu Purgantium. Edin. 8vo. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.*

1825. LEROY, L. La Médecine Curative, ou Purgation dirigée contre la cause des maladies, &c. Second ed.? Paris, 12mo. Alt. ed. ibid. 1825, 1827, 1833, 1836, &c. German transl. Leipsic, 1830, 12mo, and 1833, 8vo. Dutch transl. Amsterdam, 1834. Spanish transl. by R. Ferran, Burdeos, 1822-1823; alt. Spanish transl. by C. P. Martin (16th ed.), Madrid, 1875, 8vo, pp. 384.

This work (or system?) attracted considerable notice, and was replied to by Lelouis (La Rochelle, 1826, 8vo), Pallotta (Naples, 1825, 8vo), and others.

1826. PEVAL, L. C. DE. De usu et abusu remediorum Purgantium in morbis inflammatoriis. Lugd. Bat. 4to. *Bibl. Roy.*

1827. MARCQ, P. A. *Vide* "Emetics."

1830. KORTUM, G. T. *De Purgantibus oleosis. Berolini, 8vo, pp. 26. *Bibl. Coll. Surg. Lond.*

1834. SIMON, M. De l'emploi des Purgatifs dans les maladies aiguës et chroniques: observations recueillies dans le service de Prof. Andral. Paris, 8vo.

1837. VIDECOQ, —. *Sur l'emploi des Purgatifs dans les maladies connues sous le nom d' Entérite typhoïde, de Fièvre typhoïde, &c. Paris, 4to.

1837. ANDRAL, G. Rapport sur le traitement de la Fièvre Typhoïde par les Purgatifs. Ext. in *Bull. de l'Acad. Royale de Méd.*, 1837, vol. i, p. 482. American (English) transl. by J. R. Atkinson. (Dunglison's *Amer. Med. Library*) Philadelphia, 1838.

1838. CARLISLE, Sir A. On the Preservation of Health, &c. and on the efficacy of Cathartic Medicines. London, 8vo, pp. 154.

1841. SIGNORONET, A. Exposition de la Méthode Purgatoire, &c. Paris, 8vo.

1841-2. BELL, Sir C. On Purgatives for removing Nervous affections and Tic Douloureux. In vol. i of his 'Practical Essays.' Edin. 2 vols. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1849. EDWARDS, C. J. The Purgative treatment of Asiatic Cholera. Bath, 8vo. *Bibl. Manch. Med. Soc.*

1855. GAMGEE, J. G. Reflections on Petit's operation, and on Purgatives after Herniotomy. London, 8vo, pp. 45.

Mr. Gamgee's conclusions are in favour of an oleaginous enema an hour or two after operation, in cases where the intestine is in good condition and little or no peritonitis exists; the enema to be repeated in three or four hours, should it not operate sooner, or a mild purgative exhibited by mouth. —*Dublin Quart. Journ. Med. Sci.*, xx, 1855, p. 453.

1855. DESIDERIO, A. La vera azione dinamica dei remedii Purganti, &c. Roma, 8vo.

1860. UNTIEDT, W. De bilis vi in effectu quorundam remediorum Purgantium. Dorpati, 8vo, pp. 29.

1860. CHAMPOUILLON, —. De la médication Hydragogue dans le traitement de l'Hydropisie. Paris, 8vo, pp. 19.

1861. DEHAUT, —. Manuel de la médication purgative et dépurative. Paris, 18mo, pp. 256.

1861. WARING, E. J. Notes on the Indigenous Purgatives of India. Reprint from *Madras Quart. Journ. of Med.*, vol. ii, p. 216.

Information derived from European and native sources supplemented by some original observations on Indian aloes, &c.

1868. REMOND, J. *Des Purgatifs minéraux. Paris, 4to.

1869. LAHUPPE, E. *Étude sur les Purgatifs. Paris, 4to.

1873. BENOIT, J. Des Purgatifs, et du Sulfovinate de Soude. Paris, 8vo, pp. 15.

REFRIGERANTS.

1550. BLASIUS A VILLAFRANCA. Methodus Refrigerandi ex vocato Sale nitri vinum aquamque, et potum omnis generis. Romæ, 4to.

1569. ROCHON, J., et BAILLOU, G. DE. *Ergo Febribus Refrigerantia remedium. Paris, 4to.

1702. KERGER, W. *De Refrigerantium modo operandi mechanico et usu medico. Erfordiæ, 4to.

1740. CARTHEUSER, J. F. *De Refrigerantium differenti indole ac modo operandi. Francof.-ad-Oder. 4to.

1751. FRANCKE, J. Diss. de calore et frigore corporis humani et de modo agendi medicamentorum Refrigerantium et Calefacientium. Jenæ, 4to.

1757. STOCK, D. On Refrigerant Enemata in Exanthemata. *Vide* "Enema," 1757.

1764. FASELIUS, J. F. *De medicamentis Refrigerantibus. Jenæ, 4to.

1772. BOISSIEU, B. C. DE. Sur les méthodes Rafraîchissantes et Humectantes. A prize essay. Dijon, 8vo. *Bibl. Roy.*

1778. CARRÈRE, J. B. F. Sur l'usage des Rafraîchissans et des Echauffans dans les Fièvres Exanthématiques. Amst. et Paris, 8vo. *Bibl Roy.*

1779. STROEBELT, J. W. De usu et abusu remediorum Refrigerantium. Harderov. 4to. *Bibl. Roy.*

1790. SCHROEDER. *Vide* "Antiphlogistics," 1790.

1850. SISTACH, F. *Des Plaies des Articulations, et de leur traitement par la Médication Réfrigérante. Montpellier, 4to, pp. 48.

1852. VAN HONSERBOUCK, —. De la Réfrigération dans le traitement des maladies aiguës. Bruxelles, 8vo.

1857. DUPUY, —. Des Réfrigérants dans le traitement des traumatismes. (Ex *L'Union Méd. de la Gironde*, Aug. 1856.) Bourdeaux, 8vo, pp. 24.

1872. FOURNIE, H. A. *De la Médication Réfrigérante dans le traitement de la Fièvre Typhoïde. Paris, 4to.

REVULSIVES. See DERIVATIVES.

RUBEFACIENTS.

1593. SAXONIA, H. De Phœnigmis libri iii: in quibus agitur de universâ Rubificantium natura et usu, &c., et de quorum usu in febribus pestilentibus multa disputantur. Patavii, 4to. *Bibl. Radcliffe.*

Per auctoritates vesicatoria defendit.—*Haller, Bibl. Med. Pract.*, ii, p. 296. See also "Vesicants."

1749. HAMBERGER, G. E. De Attrahentibus. Jenæ, 4to.

1759. HOFFMANN, C. L. Diss. de Attrahentium nempè Rubifacientium et Vesicatoriorum, &c., usu et abusu. Steinfurt, 4to. *Bibl. Roy.*

1795. RUBE, V. H. F. *De remediis Vesicantibus et Rubifacientibus quoad eorum differentiam specificam et vires. Marburgi, 8vo, pp. 64. *Bibl. Coll. Surg. Lond.*

1799. FREYBE, C. C. W. *De usu Rubifacientium. Jenæ, 4to.

1818. MACONI, P. H. *De Rubifacientium et Vesicantium agendi modo. Dorpati, 8vo, pp. 41.

1824. VOSSEUR, F. *Emploi des Exutoires et des Rubéfians dans les Inflammations des membranes muqueuses. Paris, 4to.

1826. CARLISLE, SIR A. A Letter on Blisters, Rubifacients and Escharotics, giving an account of the employment of an instrument adapted to transmit a defined degree of heat to effect those several purposes. London, 12mo. *Bibl. Coll. Surg. Lond.*

The instrument introduced by Sir Anthony Carlisle consists of a small flat-iron, heated by a spirit-lamp or boiling water. This, as a rubefacient, often proves most useful in rheumatic, neuralgic, and other painful affections. The whole of the affected surface should be "ironed," whilst the skin is covered with a piece of thin flannel or brown paper to protect from undue action. The cuticle should not be raised, the only visible effect desirable in these cases being redness of the part.

1826. HAASE, W. A. De recto Rubifacientium usu. Prog. i, ii. Lipsiæ, 4to.

1827. GALLAND, A. C. A. *De Rubifacientium natura et usu. Göttingæ, 8vo, pp. 96.

SALINES AND SALTS (generally).

1671. STRAUSS, J. C. *De Salium potestate. Utrecht, 4to.

1702. WEDEL, G. W. *De Salsorum natura, usu et abusu. Jenæ, 4to.

1705. GULIELMINUS, D. De Salibus. Venetiis, 8vo. Alt ed. Lugd. Bat. 1707. *Bibl. Radcliffe.* (ed. 1707).

1707. MARTINELLUS, C. De Salibus. Lugd. Bat. 8vo. *Bibl. Acad. Edin.*

1715. FICK, J. J. *De Salium natura, genesi et usu. Jenæ, 4to.

1716. WEDEL, G. W. *De Salium origine. Jenæ, 4to.

1817. VOGLER, J. C. W. *De Salium neutrorum compositione chemica cum effectibus comparata. Heidelbergæ, 4to, pp. 20.

1830. SUCKOW, W. C. F. De Salibus qui in neutralibus habentur eorumque distributione in ordines pharmacologicos. Jenæ, 4to.

1832. STEVENS, W. On the employment of the Alkaline and Neutral Salts in Cholera. (Ex. in *Observations on the Healthy and Diseased Properties of Blood*, London, 8vo.) French transl. by F. Nicholls, Toulouse, 1836, 12mo. Swedish, Nyköping, 1833, 4to.

This work contains the first systematic account of the so-called "saline treatment of cholera." Though sanguine expectations were entertained of it by Dr. Stevens and his contemporaries, and though the early reports about it were very satisfactory, it has fallen into comparative disuse. A full sketch of this treatment with other particulars regarding it will be found in vol. xxxviii of *Edin. Med. Surg. Journal*, 1832, p. 255 *et seq.*

1846. BONE, G. F. *On Yellow Fever, and on the treatment of that disease by Saline Medicines. Edin. 8vo, pp. 85.

1852, AUBERT, A. R. Ducunt ne Salia alvum vi endosmotica? Berlin, 8vo, pp. 60.

1856. MAGAWLY, J. G. De ratione qua nonnulli Sales organici et anorganici in tractu intestinali mutantur. Dorpati, 8vo, pp. 51.

1864. KELLIE, J. On the Saline treatment of Cholera. Bristol, 8vo, pp. 31. *Bibl. Med.-Chir. Soc.*

The object of this pamphlet is to defend the treatment of Dr. Stevens (1832) from misrepresentation. The author advocates the injection of Dr. Stevens's solution into the rectum while acetate of lead or some other astringent is given by mouth.—*Medical Times and Gaz.*, May 13, 1865, p. 508.

1866. GIRDWOOD, G. F. Salines in Cholera. *Vide* "Venous Injection," p. 91.

1869. ROUX, —. Observations sur les Sels. Paris, 8vo, pp. 76.

SEDATIVES.

1724. LOBRUHEIM, M. *De cauto et incauto Sedativorum usu. Halæ, 4to. *Bibl. Roy.*

1726. (ANON.) *Vide* "Narcotics," 1726.

1730. ALBERTI, M. *De remediis motibus tam excitandis quam Sedandis destinatis. Halæ, 4to.

1738. HECQUET, P. La Médecine Naturelle, vue dans l'usage des Calmants, des Sangsues, &c. Paris, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*

1800. BERKELEY, R. *An inquiry into the *modus operandi* of that class of medicines called Sedatives. Philadelphia, 8vo.

1822. HAYCRAFT, G. T. *De quibusdam remediis Sedantibus. Edin. 8vo. *Bibl. Coll.Phys. Edin.*

STERNUTATORIES.

1678. HILLER, J. H. *De medicamentis Sternutatoriis. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1695. CRAUSSIUS DE MELLINGEN, R. G. De usu et naturâ Sternutatoriorum. Jenæ, 4to.

1696. VESTI, J. *De Sternutatoriorum usu et abusu. Erfordiæ, 4to.

1700. HOFFMANN, F. De pulverum Sternutatoriorum vero usu et abusu. Halæ, 4to.

Medicamentorum sternutatoriorum census: Nicotiana; tum resina ligni Guaiaci, et flores Benzoin; inde composita.—*Haller, Bibl. Bot.*, ii, p. 20.

1761. LANGGUTH, G. A. Programma de modestiâ Sternutantium. Wittenbergiæ, 4to.

1761. HILDEBRAND, —. *De usu Sternutatoriorum. Halæ, 4to.

1781. MANGIN, F. A. *Diss. pharmacologica de Sternutatoriis. Nanceii, 4to.

The author distinguishes those medicines which excite sneezing (or true sternutatories) from errhines, or such as produce only an increased mucous secretion in the nasal passages. He gives a list of each.—*London Med. Journal*, Oct., 1781, p. 288.

1800. THUNBERG, C. P. *Remedia Sternutatoria. Resp. J. E. Ulfsberg. Upsaliæ, 4to, pp. 8. *Bibl. Lin. Soc.*

1800. BUCHOZ, J. P. Manuel Tabacal, ou Sternutatoire des Plantes, ou Traité du Tabac et des différentes plantes qui sont propres à faire éternuer. Paris, 8vo, pp. 102.

STIMULANTS.

1740. HAERTELIUS, C. A. T. *De Stimulantium effectu sedativo. Argentorati, 4to. *Bibl. Med.-Chir. Soc.*

1751. FRANCKE, J. *Vide* "Refrigerants," 1751.

1760. ELLIOT, G. *De medicamentis Stimulantibus. Edin. 8vo. *Bibl. Med. Soc. Lond.*

1764. CARTHEUSER, J. F. *De Incitamentis motuum naturalium internis. Resp. C. T. Pfitzner. Francof. ad Viad. 4to. *Bibl. Roy.*

1766. DOUGLAS, S. *De Stimulis. Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.*

1787. MEHLIS, G. H. C. *De Excitantium usu in Febribus potissimum putridis. Gottingæ, 4to, pp. 60. *Bibl. Coll. Phys. Edin.*

1790. GOLDHAGEN, C. F. M. *De abusu Excitantium in Febribus putridis. Halæ, 8vo, pp. 71. *Bibl. Coll. Phys. Edin.*

1793. WOOD, J. On the effects of the application and abstraction of Stimuli on the human body. London, 8vo, pp. 78. *Bibl. Coll. Phys. Edin.*

1802. FOISSIN, P. *Inquiry into the *modus operandi* of Stimuli upon the human body. Philadelphia, 8vo.

1803. NOIROT, C. L. *Sur les Inflammations qui exigent un traitement tonique et excitant. Leyde, 8vo.

1813. GOGUYER-LAPRUGNE, S. J. *Sur le danger des Stimulans et Toniques dans le traitement de la Fièvre entéro-mésentérique. Paris, 4to, pp. 49.

1814. KNOX, R. *De viribus Stimulantium et Narcoticorum in corpore sano. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1820. ANDERSON, J. W. *De medicamentis quæ in cerebrum agunt. Edin. 8vo.

1825. SANTARELLI, M. Sull'azione dei Stimolanti e Controstimolanti. Macerata, 8vo.

1826. KERCHOVEN VAN GROENENDYCK, M. C. J. VAN DEN. Diss. de Remediorum Stimulantium Diffusibilium indole, agendi ratione, indicatione et contra-indicatione therapeutica. Lugd. Bat. 4to. *Bibl. Roy.*

1833. JÖRG, J. C. G. Dass der Gebrauch innerer Reitzmittel zur Beförderung der Geburt des Kindes unnöthig, fruchtlos, und gesunden Frauen sogar schädlich sei. Zeitz, 8vo, pp. 86. Second ed. ibid. Bautzen, 1845. 8vo.

This essay, designed to demonstrate the uselessness and in some cases the injurious effects of stimulants given with the view of hastening delivery is handled by Prof. Jörg with an ability clearly indicative of profound judgment and extensive experience. He shows in strong colours the impropriety and mischief of a very common practice. With regard to ergot, regarded as a stimulant, he concludes, from experiments on animals, that it is incapable of exercising any direct influence on the uterus, and that when contractions of this organ are excited by its administration it is in consequence of the impression it makes upon the alimentary canal, and especially its tendency to excite vomiting. See, further, *American Journ. Med. Sci.*, xx, 1837, p. 176-9.

1837-46. MITSCHERLICH, C. G. Lehrbuch der Arzneimittellehre. Berol. 2 vols. 8vo, vol. ii, part 1 (Medicamenta Excitantia), 1843.

1838. MOREWOOD, S. History of the inventions and customs of

ancient and modern nations in the use of Inebriating Liquors . . . with observations on the consumption and effects of Opium and other stimulants used in the East as substitutes for wine and spirits. London? pp. 750.

A profound and erudite work. No one who has not examined its contents could believe it possible to collect such a body of interesting information on inebriating liquors, and none but a man devoted entirely to his subject could have undertaken or supported the labour of collecting and comparing authorities from all sources, ancient and modern, calculated to illustrate the history of the use or abuse of vinous and fermented liquors.—*Dublin Med. Journ. Med. Sci.*, xiv, 1839, p. 167.

1860. TODD, R. BENTLEY. Clinical Lectures on certain acute diseases. London, 12mo.

These lectures, which are models of what clinical lectures should be, embody the author's original views of the value of alcohol and stimulants generally in the treatment of rheumatic fever and other inflammatory and febrile diseases. Few books have exercised a wider influence than this, although Dr. Todd's practice, as advocated in it, has undergone considerable modification of late years. Few would be found who would venture to follow out in its integrity the heroic treatment practised and advocated by Dr. Todd in this work.

1861. GAIRDNER, W. T. On the use of Alcoholic Stimulants in hospitals and medical practice. Edin. 8vo.
Bibl. Coll. Phys. Edin.

1864. ANSTIE, F. E. Stimulants and Narcotics: their mutual relations, &c. London, 8vo, pp. 489. American ed. Philadelphia, 1865, 8vo, pp. 414.

The elements of the problem which Dr. Anstie seeks in this volume to solve are these:—There are two classes of physiological agents, respectively known as stimulants and narcotics; and there is also an intermediate class known as narcotic-stimulants. All these classes act upon the nervous system, the stimulants exciting its action, the narcotics depressing it, and the narcotic-stimulants producing both kinds of effects. The author's aim, in general terms, is to discover what effects may fairly be included under the term "stimulation," and those which may not be so included. "The remaining phenomena would then," he remarks, "fairly settle down into their places, and the substances which produce them might be ranked either in one or two pretty well defined groups." The special researches upon alcohol, ether, and chloroform furnish information of high importance. Based as the work is on a purely inductive method of research, it commends itself at once as a most valuable addition to our existing knowledge, and as a starting-point for further investigations.—*Lancet*, July 30, 1864, p. 121.

1868. RUSSELL, J. B. Clinical study of Stimulation in Typhus. Glasgow, 8vo.

Contains much that is interesting and practical.

1871. BEARD, G. Stimulants and Narcotics: medically, philosophically, and morally considered. New York, 12mo, pp. 155.
Vide also "Alcohol" and "Vinum."

STYPTICS.

1698. HOFFMANN, F. De ἰσχαίμοις, seu sanguinem sistentibus. Halæ, 4to.

1754. MASON, H. Extracts from an old Treatise of Surgery, showing the successful application of Fungus substances in stopping violent bleeding, as long ago as 160 years and upwards, with the ingenious conjectures of Mr. Merond about the manner in which these substances act. London, 8vo. *Bibl. Med. Soc. Lond.*

The old author referred to is Wurgius—*Watt.*

1763. KIRKLAND, T. On the methods of suppressing Hæmorrhages from divided arteries. London, 8vo. *Bibl. Coll. Phys. Edin.*

1778. KRAUSE, C. C. De remediis Hæmorrhagicarum externarum &c. Lipsiæ, 4to.

1785. RUSPINI, B. A concise relation of the effect of an extraordinary Styptic lately discovered: in a series of letters from several gentlemen of the faculty to Barth. Ruspini, surgeon dentist. London, 8vo. *Bibl. Coll. Surg. Lond.* (ed. 1787).

1791. BING, A. H. *Diss. Remediorum glutinosorum in sistendis Hæmorrhagiis vim et virtutem adstruens. Halæ, 4to, pp. 66. *Bibl. Coll. Phys. Edin.*

1797. KRIMPING, F. T. *De Hæmostaticis mechanicis. Halæ, 8vo, pp. 48. *Bibl. Coll. Phys. Edin.*

1832. HANSEN, C. P. M. Conspectus remediorum et operationum Hæmorrhagiis externis coercendis inservientium. Prog. ii. Havniæ, 8vo, pp. 285.

Prog. i. Caustics, styptics, absorbents. Prog. ii. Compression, ligature, torsion, &c.

SUDORIFICS. Vide DIAPHORETICS.

SULPHITES and HYPOSULPHITES (Alkaline).

1862. POLLI, G. Sulle malattie da Fermento Morbifico e sul loro trattamento. Milan, 4to, pp. 60.

1862. POLLI, G. Saggio Farmacologico sui Solfiti e gli Iposulfiti medicinali del Dottore Giovanni Polli. Milan, 8vo, pp. 26.

M. Polli, being desirous of applying to the treatment of disease the properties which sulphurous acid possesses of arresting or, as he expresses it, paralysing fermentation, found that the sulphites and hyposulphites of alkaline and earthy bases enjoyed qualities in that respect identical with those of the constituent acid, besides having the advantage of being largely tolerated by the economy. Hence he was led to employ these salts in those diseases in which a morbific ferment may be supposed to be present, *e. g.* the exanthemata and dartrous affections, rheumatic, intermittent, typhoid, puerperal and other fevers, pyæmia, &c. In support of these views M. Polli instituted a very extended series of experiments, conducted in a very philosophical spirit, which appear in their results to favour his expectation of the extended usefulness of this class of remedies.—*Brit. and For. Med.-Chir. Rev.*, July, 1862, p. 165-6.

1863. LANEAU, J. Remarques sur la préparation et l'usage de l'Hyposulfite de Chaux crystallisé et des Sulfites de Soude et de Magnésie, &c. Bruxelles, 8vo, pp. 50.

1866. FERRINI, G. Intorno all'azione dei Solfiti in varie malattie. Milan, 8vo.

1866. PAUL, C. De l'action physiologique et thérapeutique des Sulfites et des Hyposulfites. (Ex *Bull. de Thérap.*, Aug. et Sept. 1865.) Paris, 8vo, pp. 62.

1867. POLLI, P. Risultati delle experienze cliniche col Solfito di Magnesia nella Febbre Puerperale. Milan, 8vo, pp. 12.

1867. MAZZOLINI, F. Risultati clinici dell'uso dei Solfiti. Milan, 8vo, pp. 12.

1868. FARALLI, G. Del valore terapeutico dei Solfiti ed Iposolfiti Alcalini e terrosi. Part i. Florence, 8vo, pp. 30.

1869. CENTOMO, L. Cenni sulla Difteria curata coi Solfiti. Vicenza, 8vo, pp. 106.

1869. VOLPE, L. Della Febre carbonchiosa nel Bellunese e della sua cura coi Sali Solfistici. Belluno, 8vo, pp. 56.

1869. POLLI, J. Sur un remède prophylactique et curatif des Fièvres dues aux miasmes marécageux. Milan, 8vo, pp. 8.

1872. FARALLI, G. Dei Solfiti ed Iposolfiti nella cura delle Febbri Intermittenti. Milan, 8vo, pp. 128.

A clever and useful contribution to the controversy about the origin and cure of fevers. With regard to the therapeutic value of these sulphites, the general conclusion arrived at by Dr. Faralli is that they are manifestly inferior to quinine both as prophylactics and curatives, and as direct remedies are even to be ranked as less efficacious than the preparations of arsenic.—*Practitioner*, April, 1873, p. 238-240.

1873. POLLI, G. Des maladies par ferment morbifique, et leur traitement par les Sulfites Alcalins et terreux. Milan, folio, pp. 8.

1874. POLLI, G. I progressi della dottrina delle malattie zimotiche e del loro trattamento coi preparati Solfitici. Milan, 8vo.

1874. BAILEY, W. La digestione e l'indigestione ed applicazione dei Solfiti. Milan, 8vo, pp. 14.

1874. TAMBORLINI, G. Dell Iposolfito di Soda nell'Angina Difterica. Milan, 8vo, pp. 6.

TONICS (including Bitters).

1692. WEDEL, G. W. *De Amarorum naturâ et usu. Jenæ, 4to.

1729. HECQUET, P. On the abuse of Tonics, &c. *Vide* "Purgatives," 1729.

1768. BUECHNER, A. E. *De plantarum Amararum insigni virtute medicâ. Halæ, 4to.

1768. BUECHNER, A. E. *De Roborantium differentiis in praxi bene attendendis. Resp. J. D. Oppen. Halæ, 4to. *Bibl. Roy.*

1782. MATHIAS, D. M. *De restringendo usu Roborantium proprie sic dictorum in debilitate morbosa. Gottingæ, 4to, pp. 34. *Bibl. Acad. Edin.*

1791. NATHAN, S. *De præcipuis quibusdam Tonicis medicamentis. Francof. ad Viad. 4to.

1793. BECKER, J. H. *An Phthisi Pulmonali exulceratæ conveniant remedia Tonica? Rostochii, 8vo, pp. 53.

1796. JUENGKEN, J. F. *De Methodi Roborantis usu et abusu. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*

1796. PARKER, T. A Practical Treatise on Fever, contrasting a Tonic treatment with the Antiphlogistic, in which the superiority of the former is ascertained. London, 8vo.

1801. PEARS, C. Cases of Phthisis pulmonalis successfully treated upon the Tonic plan. London, 8vo. *Bibl. Med. Soc. Edin.*

The author details 49 cases of phthisis, real or supposed, treated according to what he terms the tonic plan, *i.e.* with a liberal allowance of animal food and wine together with medicines supposed to possess a strengthening or stimulating power, especially gentian. Of the 49 thus treated on this plan 21 were restored, 18 refused to continue the treatment (?), and 10 died.—*Edin. Med. Surg. Journal*, vol. xxi, p. 171.

1804. FALIGAN, N. L. Quelques consid. sur l'usage des . . . Toniques dans la première enfance. Paris, 4to.

1810. BANG, O. L. *De remediorum Incitantium et Roborantium discrimine succincta disquisitio. Resp. J. C. Müller. Hafniæ, 4to, pp. 37.

1811. RÖMER, A. E. De remediorum Roborantium motione accuratius quam vulgo fieri solet, determinanda. Traject. ad Rhen. 4to.

1813. GOGUYER-LAPRUGNE, S. J. *Vide* "Stimulants," 1813.

1816. CRAWFORD, A. Enquiry into the effects of Tonics and other medical substances on the cohesion of animal fibre. London, 8vo, pp. 124, plate. *Bibl. Med.-Chir. Soc.*

Although there are objections to Dr. Crawford's reasonings, yet his facts are interesting and worthy of perusal.—*Med.-Chir. Rev.*, May, 1817, p. 404.

1816. FERON, J. P. *Entérite adynamique, et utilité des Toniques dans son traitement. Paris, 4to.

1818. KOVATS, P. *Vide* "Alcaloids," 1818.

1831. LALANNE, P. A. E. *Sur l'avantage des Toniques dans les maladies en général, et en particulier dans la Scrofule, le Scorbut, et la Gangrène. Montpellier, 4to.

1837-46. MITSCHERLICH, C. G. Lehrbuch der Arzneimittellehre. Berol. 2 vols. 8vo. Vol. i, part i, Medicamenta Tonica, 1838. *Bibl. Med.-Chir. Soc.*

1843. SEARLE, H. Treatise on the Tonic System of treating affections of the stomach and brain. London, 8vo, pp. 308. *Bibl. Med.-Chir. Soc.*

Although exhibiting a want of exact knowledge on several points, this brochure contains many excellent truths which we should all be the better for observing.—*Med. Times*, Jan. 10, 1846, p. 297.

1856. STATHAM, S. F. Cases of Resection in Civil Practice on Tonic treatment throughout. London, 8vo, pp. 120, tab. i.

A translation of those portions of Stromeyer's 'Handbook of Surgery' and of Esmarch's 'Observations' relative to the value of resection of joints. Mr Statham disagrees with his German friends as to the propriety of the antiphlogistic treatment they recommend, or the occurrence of diffuse inflam-

mation. On the contrary, he affirms that no diffuse inflammation will spread towards the heart if the patient is put on the best tonic treatment, though it may extend somewhat distally. The language employed is occasionally obscure.—*Lancet*, June 28, 1856, p. 712.

1858. WARING, E. J. Notes on some of the principal indigenous Tonics of India. Reprint from *Indian Annals of Med. Science*, 1858, p. 576. Calcutta, 8vo, pp. 56. *Bibl. Lin. Soc.*

Considered under three headings—1. *Alterative Tonics*, including the indigenous species of Smilax, Hemidismus Indicus, Calotropis gigantea (Mudar), Hydnocarpus odoratus (Chaulmúgra), and Hydrocotyle Asiatica. 2. *Bitter Tonics*, including Chiretta in all its varieties, Tinospora cordifolius (Gulaucha), Coscinium fenestratum, Guilandina Bonducella, Andrographis paniculata (Karyàt), Coptis Teeta, Aconitum heterophyllum (Atees), Azadarichta Indica (Nim or Margosa), Thalictrum foliosum, and various species of Berberis. 3. *Astringent Tonics*, including Soymida febrifuga (Rohun), Cedrela Toona (Tún), Wrightia antidysenterica, and Hymenodyctyon excelsum. In addition to these several other indigenous tonics of each class are briefly noticed. In each case the information has been drawn from both native and European sources.

1867. SKEY, F. C. Hysteria: remote causes of diseases in general; treatment of disease by Tonic agency, &c. London, 8vo. Third ed. ibid. 1870. *Bibl. Med.-Chir. Soc.*

That congestion is not inflammation, that nervous disease may simulate inflammatory affections, that such counterfeits are commoner than the real diseases, and that the treatment of such cases ought to be by tonics instead of antiphlogistics, are the main propositions maintained in this little work.—*Glasgow Med. Journ.*, Aug. 1870, p. 537.

1871. DICKINSON, J. C. On the Tonic treatment of Gout. Second ed. with additional cases illustrating the success of the Tonic treatment and generous diet. London, 8vo. pp. 143.

The author, in this little volume, sets forth the views that have been promulgated from time to time by different authorities on the subject of gout, but we do not think that he has added anything very new or striking of his own.—*Lancet*, March 11, 1871, p. 346.

1875. GRANCHER, J. *De la Médication Tonique. Paris, 4to; ibid. 8vo, pp. 112.

TOPICAL, LOCAL and EXTERNAL REMEDIES.

1614. BERTALDI, J. F. *Externorum medicamentorum apparatus, doses, formulæ. Taurin. 4to. *Bibl. Roy.*

1701. MEIBOM, B. *De Externorum medicamentorum operatione, et in morbis internis usu. Utrecht, 4to. *Bibl. Roy.*

1703. HOFFMANN, F. De erroribus vulgaribus circa usum Topicorum in praxi. Halæ, 4to.

Abstract in *Haller, Bibl. Med. Pract.*, iii, p. 556.

1715. KENNEDY, P. Essay on External Remedies. Whether all the curable distempers of the human body may not be cured by outward means. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

In this tract the author maintains, amongst other points, that purgative medicines operate as effectually when applied externally as when taken internally.

1744. STENTZEL, C. G. Medicamenta Externa chirurgis familiaris. Loc.? 4to. *Bibl. Med.-Chir. Soc.*

1751. JUCH, —. De selectis remediis et medicamentis Externis contra Inflammationes, eorumque prudenti administratione. Erfordiæ, 4to.

1757. BUECHNER, A. E. *De Topicorum medicamentorum usu, &c. Resp. — Loeber. Halæ, 4to.

1765. FASELIUS, —. De singulari Topicorum temporibus, &c. Jenæ, 4to.

1765. CARTHEUSER, J. F. *De incitamentis motuum naturalium Externis. Resp. G. W. Dach. Francof. ad Viad. 4to. *Bibl. Roy.*

1770. STRANGE, C. F. De remediorum Externorum in Variolis usu salutari. Gryphiæ, 8vo.

1780. PLENCK, —. Pharmacia Chirurgica, seu doctrina de Medicamentis quæ ad curandos morbos externos adhiberi solent. Ed. secunda, Alt. ed. 1782, Vienna, 8vo. *Bibl. Coll. Surg. Lond.*

1792. JAHN, G. *De operationibus atque viis medicamentorum Externorum status systematis lymphatici submoventium. Jenæ, 8vo, pp. 30.

1793. MEURS, R. *Diss. exhibens remediorum quorundam Externorum apparatum selectiorem. Lugd. Bat. 4to (in Schlegel, *Thes. Mat. Med.*, vol. iii, Art. 39, p. 1-78). *Bibl. Med.-Chir. Soc.* (Schlegel).

Mainly occupied with directions for preparing cataplasms, sinapisms, lotions, ointments, &c., together with a few notes on their use in practice.

1797. STISSER, —. De Externorum antihydropicorum usu. Francof. 8vo.

1804. TITTMANN, J. A. Von den topischen Arzneymitteln gegen Augenkrankheiten. Dresden, 8vo. *Bibl. Manchester Med. Soc.*

1815. FOURNIER, —. *Emploi des Topiques, &c. Paris, 4to.

1822. HOOD, S. Analytical Physiology, treating of the cure of nervous diseases by External Applications to the spine. Liverpool, 8vo, pp. 199. 2nd ed. London, 1829, 8vo, pp. 207. *Bibl. Med.-Chir. Soc.* (Ed. 1822.)

In this work Dr. Hood relates cases of hemiplegia, neuralgia, &c., treated by the application of lunar caustic eschars along the course of the spinal column. See, further, some remarks in *Med.-Chir. Rev.*, May, 1829, p. 211-214, where the claims of Dr. Hood to priority in the use of nitrate of silver with reference to Mr. Higginbottom's claims are discussed.

1834. FOURQUET, G. Sur le Croup...précédé de l'examen des avantages et des inconvéniens que peuvent présenter le traitement Topique et la Trachéotomie. Paris, 8vo, pp. 104.

1836. LOEWENTHAL, H. *De Inflammationum externarum Topica curatione. Berol. 8vo, pp. 31.

1849. GREEN, HORACE. Observations on the Pathology of Croup, with remarks on its treatment by Topical Medications.
New York, 8vo, pp. 115.

The main object of this work is to bring to notice the author's plan of treating croup by the topical application of a solution of nitrate of silver to the tracheo-laryngeal mucous membrane.—*Dublin Quart. Med. Journ.*, viii, p. 157.

1851. WAGSTAFF, W. R. On Diseases of the Mucous Membrane of the Throat, and their treatment by Topical Medication.
London, 12mo, pp. 183.

The "topical medication" here advocated is that recommended by Dr. Horace Green and others, viz. the application to the affected part of a strong solution of nitrate of silver.—*London Med. Gazette*, June 27, 1851, p. 1117.

1854. WATSON, EBENEZER. On the Topical Medication of the Larynx in certain diseases of the respiratory and vocal organs.
London, 8vo, pp. 183.

An unpretending but able work. The substances used by Dr. Watson are nitrate of silver and, in a limited number of cases, hyposulphite of soda and silver. He details cases of laryngitis, croup, hooping-cough, aphonia, &c., in which topical medication by these agents was resorted to, not only with safety, but in many instances the best results. The work "is valuable, not merely for the direct information it contains, but also for the practical suggestions which will arrest the perusal of every page."—*Dublin Quart. Journ. Med. Sci.*, xix, 1855, p. 217.

1855. RIADORE, J. E. On Local Treatment of the mucous membrane of the throat for Cough and Bronchitis.
London, 8vo, pp. 99.

Contains several hints of practical importance. The value of alum, of nitrate of silver and of nitro-muriatic acid, in those forms of disease named in the title-page, will be here found well illustrated. The author's style, however, is hardly what might be expected in a scientific production.—*Lancet*, July 21, 1855, p. 54.

1860. BENNETT, J. HUGHES. The pathology and treatment of Pulmonary Consumption, and Local Medication of pharyngeal, bronchial and nasal diseases mistaken for and associated with phthisis. Second ed. Edinburgh, 8vo, pp. 221.

A sound, scientific and practical exposition of the subject treated of. The last chapter, devoted to "local medication," contains new and valuable information with regard both to pathology and treatment.—*Lancet*, Oct. 27, 1860, p. 413.

1863. FOURNIÉ, E. Étude pratique sur le Laryngoscope et sur l'application des Remèdes Topiques dans les voies respiratoires.
Paris, 8vo, pp. 110.

Free from all pedantry, and though it does not enter very fully into laryngoscopy, it contains some very sensible remarks on the treatment of laryngeal disease. See review in *Brit. and For. Med.-Chir. Rev.*, 1863, p. 123-136.

1866. TOBOLD, A. Die chronischen Kehlkopfs-Krankheiten mit specieller Rücksicht auf laryngoskopische Diagnostik und locale Therapie. Berlin, 8vo, pp. 254. American transl. with additions by Dr. G. M. Beard. New York, 8vo, fig. 44.

1872. WALDENBURG, L. Die locale Behandlung der Krankheiten der Athmungsorgane. Lehrbuch der Respiratorischen Therapie. Second ed. Berlin, 8vo, plates. *Bibl. Med.-Chir. Soc.*

1873. MION, L. J. A. H. *Des moyens externes de traitement dans la Fièvre Intermittente. Paris, 4to.

VESICANTS.

(Blisters, Epispastics.)

1591. MASSARIA, A. De abusu medicamentorum Vesicantium et Theriacæ in Febribus pestilentibus. Patavii, 4to. *Bibl. Med.-Chir. Soc.*

1591. SAXONIA, H. Diss. de Phænigmis vulgò Vesicantibus et Theriacæ usu in Febribus pestilentialibus. Patavii, 4to. *Bibl. Radcliffe.*

Vesicatoriorum in febre pestilenti usum cum Mercuriali introduxit, laudavit, etiam in hydrope, melancholia, nervorum morbis.—*Haller, Bibl. Med. Pract.*, ii, p. 296.

1592. ROBORETUS, O. De Peticulari febre Tridenti anno 1591 deque Vesicatoriorum in ea usu. Tridenti, 4to. *Bibl. Med.-Chir. Soc.*

1593. SAXONIA, H. De Phænigmis libri tres, in quibus de universâ Rubificantium naturâ, &c. Patavii, 4to.

1606. CAIUS, B. De Vesicantium usu, et de sanguinis effusione. Venetiis, 4to. *Bibl. Roy.*

1607. TERILLUS, D. De Vesicantium recto uso ac utilitatibus mirificis, &c. Venetiis, 4to. *Bibl. Roy.*

1607. TERILLUS, D. Antilogia de Vesicantibus. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*

1609. FONTE EUGUBINUS, LÆLIUS À. Consultationes medicæ, &c., de Vesicantium usu. Francof.-ad-Mœn. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*

1618. OBICIUS, H. Decisiones adversus Vesicantia. Vicentiæ, 4to. *Bibl. Med.-Chir. Soc.*

1636. MARTINIUS, V. Opuscula de Vesicantibus, Sinapismis, &c. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*

1679. SCHMIDLIN, J. J. *De Vesicatoriis. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1698. SANTANIELLI, F. Dell' uso de Vesicanti. Venetiis, 4to.

1699. GIORGI, M. Intorno i Vesicatorii. Geneva, 12mo. *Bibl. Coll. Phys. Edin.*

1700. BAGLIVI, G. De Praxi Medica...Acced....Diss. de usu et abusu Vesicantium. Lugd. Bat. 8vo. English transl. London, 8vo, 1704. *Bibl. Coll. Phys. Edin.; Acad. Edin.* (Eng. trans.)

1703. STAHL, G. E. *De Vesicatione ægrotorum, &c. Halæ, 4to.

1704. NENTER, G. P. *De Vesicatoriorum usu. Argentorati, 4to. *Bibl. Med. Soc. Lond.*

1727. HOFFMANN, F. *De Vesicatoriorum præstanti in medicina usu. Resp. C. Bacmeister. Halæ, 4to.

Cantharidum venenata natura. Utilitas ad revellendum, ad humorem retropulsum in artus revocandum. Pro eorum in febribus malignis usu. *Haller, Bibl. Med. Pract.*, iii, p. 569.

1739. BOWDEN, T. *De usu et abusu Vesicatoriorum. Lugd. Bat. 4to. *Bibl. Med. Soc. Lond.*

1751. BIANCHI, G. Dissertation against Blisters. Translated from the Italian. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

Bianchi's work originally appeared at Venice, about 1746 (the title and other particulars I have been unable to find); it gave rise to much controversy, as he opposed the use, or rather the abuse, of blisters, which at that time were much in vogue.

1752. MOORE, C. *De usu Vesicantium in Febribus. Edin. 8vo. *Bibl. Med. Soc. Lond.*

1758. BUECHNER, A. E. De Vesicatoriorum ad Exanthemata a nobilioribus partibus evocanda efficaci usu. Resp. C. N. Chüden. Halæ, 4to.

1759. HOFFMANN, C. L. *Vide* "Rubefacients," 1759.

1761. EBERHARD, J. P. *De necessario usu Vesicantium in Febre Castrensi. Resp. C. A. Krisch. Halæ, 4to. *Bibl. Roy.*

1761. RAYMOND, F. Sur l'efficacité du Vésicatoire. Paris, 12mo. *Bibl. Med. Soc. Lond.*

1766. BUECHNER, A. E. De Vesicatoriorum parti dolenti applicatorum usu salubri et noxio. Resp. C. F. Weitzmann. Halæ, 4to.

1768. STRUVE, J. M. *De tuto et eximio Vesicatoriorum usu in morbis acutis, &c. Præsid. R. A. Vogel. Göttingæ, 4to. *Bibl. Med.-Chir. Soc.*

1769. COSTENBADER, J. M. *De abusu Vesicatoriorum in morbis malignis. Lugd. Bat. 4to. *Bibl. Roy.*

1771. TIMMERMANN, T. G. De Vesicantium locis, (in *Baldinger, Sylloge*, vol. i, p. 326). Rintelii, 4to. *Bibl. Med.-Chir. Soc.* (Baldinger).

1773-6. PERCIVAL, T. On Blisters. *Vide* "Astringents," 1773-6.

1774. ENGEL, C. C. *Diss. de explicandis generalioribus Vesicantium effectibus eorumque speciali in Inflammationibus usu. Halæ, 4to. *Bibl. Roy.*

1775. MEZA, S. T. DE. De usu noxio et salubri Vesicantium. Hafniæ, 8vo. *Bibl. Acad. Edin.*

Review in *Duncan's Med. Commentaries*, iv (1776), p. 300.

1776. HICKES, J. H. *De natura Epispasticorum et usu. Edin. 4to. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1776. TRALLES, B. L. De usu Vesicantium in Febribus acutis ac speciatim in sananda Pleuritide. Vratislaviæ, 12mo. German transl. Vratislaviæ, 1788, 8vo. *Bibl. Med.-Chir. Soc.*

The chief object of this work is to point out the impropriety of a frequent

use of blisters in febrile disorders, a practice which appears, from the statements of the author, to have been far too indiscriminately employed at that period.—*Duncan's Med. Commentaries*, vi, 1779, 262.

1776. PAIVA, M. J. H. DE. De actione Vesicantium in corpus vivum, in aphorismos digesta, &c. Matriti, 8vo,

1779. TOURNAY, —. *An rheumatismo Vesicatoria? Nancei, 4to.

1779. STEVENSON, W. A successful method of treating Gout by Blistering. Bath, 8vo.

1781. VOUNCK, J. J. H. *De Epispasticis, præcipue de Cantharidum usu. Resp. B. Cardon. Lovanii, 4to.

1782-3. TRALLES, B. L. Usus Vesicantium salubris et noxius in morborum medela certis principiis superstructus. Vratislaviæ, 4to. *Bibl. Acad. Edin.*

1784. DANLY (or DONLY), H. *De Vesicantium usu in variis morbis tractandis. Lugd. Bat. 4to, pp. 34.

1791. BRADLEY, T. *De Epispasticorum usu in variis morbis tractandis. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1792. ROUGEMONT, J. C. Essai sur l'usage des Épispastiques en médecine. Paris, 8vo.

1794. ENGELHART, J. H. *De Epispasticorum usu in Pneumonia. Resp. J. Sundius. Lundæ, 8vo.

1795. RUBE, V. H. F. De Vesicantibus, &c. *Vide* "Rubefacients," 1795.

1795. FOWLER, T. Medical Reports on the effects of Bloodletting, Sudorifics, and Blistering, in acute and chronic Rheumatism. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1798. IRVINE, G. *De Epispasticis. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1798. RODAMEL, M. Essai pratique sur l'emploi des Vésicatoires dans les Inflammations. Montpellier, 4to.

1799. KING, R. J. *Essay on Blisters. Philadelphia, 8vo.

1800. ENGELHART, J. H. *Aphorismi de Epispasticis. Resp. J. Rix. Lundæ, 8vo.

1801. WAUTERS, P. E. Tract. de Exutoriorum delectu, præsertim de eligendis Vesicatoriis, fonticulis, &c. Paris, 8vo.

1802. ESTRUC, J. F. *Sur les indications et contra-indications des Vésicatoires. Montpellier, 4to.

1804. THUNBERG, C. P. *Remedia Epispastica. Resp. S. Wallner. Upsaliæ, 4to.

1804. SETTI, E. Della natura ed uso dei Vesicatorj, &c. Modena, 8vo.

1804. FOURNIER, L. G. S. *Sur l'application des Vésicatoires sur la tête dans quelques cas de Paralysie. Paris, 4to.

1813. SATIS, J. Sur l'emploi des Vésicatoires dans quelques maladies. Paris, 4to, pp. 15.

1817. GADD, J. N. De remediis præcipue indigenis quæ ratione vis suæ epispasticæ in locum Cantharidum commodo substitui possunt. Lundæ, 8vo.

1817. LEMOINE, P. H. *Sur la nature et les effets des Vésicatoires et leur utilité en médecine. Paris, 4to.

1817. CAMBIER, S. J. De usu revulsionis a Vesicatorio in Phlegmasiis internis. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1818. CASEY, T. *De Vesicantibus. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1818. GONDRET, L. F. Considérations sur l'emploi du Feu en médecine, suivies de l'exposé d'un moyen épispastique propre à suppléer la cautérisation, et à remplacer l'usage des Cantharides. Avec le rapport de MM. Portal, Percy et Thénard. Paris, 8vo, pp. 60. Second ed. ibid. 1819; third ed. ibid. 1820. *Vide* "Derivatives."

1818. MACONI, P. H. *Vide* "Rubefacients," 1818.

1820. ROTHE, E. F. *De usu emplastri Vesicatorii. Berol. 8vo, pp. 29.

1826. CARLISLE, Sir A. On Blisters, &c. *Vide* "Rubefacients," 1826.

1829. BARDON, P. *Essai sur l'emploi thérapeutique des Vésicatoires. Paris, 4to.

1830. MUELLER, A. *De usu Vesicantium. Lipsiæ, 4to.

1831. BESSIÈRE, E. B. *Sur les Vésicatoires. Paris, 4to.

1835. LOUIS, P. C. A. Sur l'action de l'Émétique et des Vésicatoires dans la Pneumonie. *Vide* "Antimonium Tartarizatum," 1835.

1836. FLEURY, V. *De l'efficacité des Vésicatoires dans le traitement des Plaies pénétrantes des articulations. Paris, 4to.

1836. SAINTE-COLOMBE, —. *De l'action du Vésicatoire et de son emploi dans quelques maladies. Paris, 4to.

1854. MUNARI, L. Pensamenti sull' azione dei Vesicatori ed Epispastici. Padua, 8vo.

1862. BALLET, P. *Du traitement des Bubons par les Vésicatoires simples. Strasbourg, 4to, pp. 28.

1864. AMBROSOLI, C. Uso dei Vescicanti. Milan, 8vo.

1864. DAVIES, H. On the treatment of Rheumatic Fever in its acute stage exclusively by free Blistering. (Reprint from *London Hospital Clinical Reports.*) London, 8vo. *Bibl. Med.-Chir. Soc.*

1872. ROUSSEAU-SAINT-PHILIPPE, J. A. L. *De la Vésication. Étude physiologique et thérapeutique. Paris, 4to.

1874. FUMOUZE, —. Recherches historiques sur les Exutoires Paris, 8vo, pp. 56.

1875. LAUGÉE, A. *Étude thérapeutique sur le Vésicatoire Cantharidé. Paris, 4to.

NOTE.—In the above list several old works, chiefly theses or inaugural dissertations of Continental universities, whose bare titles contribute nothing to the history or use of vesicants, and whose existence at the present day is very problematical, none of them having a place in any of our great medical libraries, have been purposely omitted, their presence only serving unduly to swell the list without any commensurate advantage. This remark applies equally to Purgatives, Emetics, and some other articles.

PART SECOND.

ARTICLES OF MATERIA MEDICA, ARRANGED ALPHABETICALLY.

ACACIA OFFICINALIS.

1768. SPIELMANN, J. R. *Acaciæ officinalis historia. Resp. J. X. E. P. Lachausse. In *Wittwer Diss. Med. Argentor.* ii, p. 241. Argentorati, 4to, pp. 16.
Bibl. Coll. Surg. Lond.; Acad. Edin.

The article treated of in this thesis is the Prunus spinosa of Linnæus, the common Sloe, the old officinal name of which was Acacia Germanica, or A. nostras; its various preparations, Succus Acaciæ Nostratis (an inspissated extract much resembling catechu), Vinum Acaciarum, Aqua et Syrupus Florum Acaciæ, &c., are passed under review, and their respective virtues and uses detailed.

ACETUM et ACIDUM ACETICUM.

(Vinegar and Acetic Acid.)

1547? CAVIGNIOLES, BAPT. DES. Traité des propriétés du Vinaigre. Sine loc. et ann. 16mo.

1547. FINARIENSIS, D. Traité de la nuisance que le Vinaigre porte au corps humain, pour réfutation des raisons de Bapt. des Cavignioles. Paris? 8vo.

1549. TOLET, P. Paradoxe de la faculté du Vinaigre, contre les écrits des modernes. Lyon, 8vo.

1549. PASQUIL, B. A. Antiparadoxe contre le paradoxe de la faculté du Vinaigre. Lyon, 8vo.

1653. HEYDEN, HERMAN VAN DER. Speedy Help for Rich and Poor, or certain physicall discourses touching the virtues of... Wine Vinegar, in the preservation from and the cure of the Plague, &c. Transl. from the Latin. London, 18mo.
Bibl. Med.-Chir. Soc.

1661. SACHS, P. J. Αμπελογραφια, seu Vitis Viniferæ ejusque partium consideratio...de Aceto, &c. Lipsiæ, 8vo, pp. 670. *Vide* "Vitis," 1661. *Bibl. Med. Soc. Lond.*

1710. HAAN, J. *De Spiritu Vini et Aceto. Argentorati, 4to.
Bibl. Med. Soc. Lond.

1740. WORTHINGTON, S. *De Aceto. Edin. 8vo.
Bibl. Facult. Glasgow.

1748. NUZELIUS, J. *De Aceto. Erlangæ, 4to.
Bibl. Coll. Surg. Lond.

1749. HERISSANT, F. D. *An Acetum ciborum condimentum salubre? Paris, 4to.

1757. BENEVENTUS, J. Comment. de Hydrophobia et Aceto Vini. Lucæ, 8vo. *Bibl. Acad. Edin.*

1762. OOSTERDYK, N. G. *De Aceto. Traject. ad Rhen. 4to. Idem in *Sandifort, Thesaur. Diss.* iii, p. 95.
Bibl. Acad. Edin.; Med.-Chir. Soc. (Sandifort).

1765. SEGERS, H. Diss. sistens sparsas de magna utilitate Aceti ad sanitatem hominum conservandam et restituendam observationes. Duisburgi, 8vo.

1772. WESTENDORF, J. C. Diss. chem.-med. de optima Acetum concentratum ejusdemque Naphtham conficiendi ratione, utriusque affectionibus ac usu medico. Gottingæ, 4to.
Bibl Coll. Surg. Lond.

The concentrated acetic acid described in this memoir was obtained by the action of sulphuric acid on crystallized acetate of soda. As a medicine it is recommended in gangrene and in putrid sore throats (cynanche maligna), in doses of twenty drops, properly diluted, every hour; and the fumes "received into the mouth" are greatly extolled in angina, scorbutic ulcerations of the mouth, and in various affections of the teeth and gums.—*Duncan's Med. Commentaries*, iv, 1776, 395.

1774. MORITSCH, N. *De Aceto. Œnoponti. Idem in *Collect. Diss. Med. Œnioponti*, p. i. *Bibl. Coll. Surg. Lond.*

1786. HIGGINS, B. Experiments and Observations relating to Acetous Acid, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

Dr. Higgins was rather a speculator than an experimentalist, and many of his views are remarkable for their acuteness and generalising character. The above work and his 'Essay on Light' have these characteristics in a most remarkable degree.—Sullivan, in *Dublin Quart. Journ. Med. Sci.*, 1849, viii, p. 484.

1800. VOSS, C. L. *De Aceti requisitis chimicis, ejusque in medicina usu. Præs. C. A. W. Berends. Francof. ad Viad. 8vo, pp. 24.

1817. EICHLER, E. H. *De Aceti crudi usu medico.
Dorpati, 8vo, pp. 45.

1818. VERBECK, A. J. De usu Aceti interno in Typho nervoso contagioso. Lugd. Bat. 8vo. *Bibl. Roy.*

1823. BERRES, J. Ueber die Holzsäure (Acid. Pyrolig.) und ihren Werth, &c. Leipzig? 8vo. *Bibl. Roy.*

1824. RÜBNER, H. F. L. *De Acido Pyrolignoso disquisitio. Berol. 8vo, pp. 86. *Bibl. Roy.*

1827. ANDRÉE, A. *De Acido Pyrolignoso disquisitio medica.
Londini Gothorum, 4to.

1831. KAISER, J. On the Antiseptic power of Vinegar. *Vide* "Antiseptics," 1831.

1834. PICKEL, G. Progr. de Acido Acetico. Wurzburg, 4to.

1845. MITSCHERLICH, C. G. De Acidi Acetici, Oxalici, Tartarici, Citrici, Formici et Boracici, effectu in animalibus observato. Berol. 4to.

1846. BROWN, I. BAKER. On Scarlatina and its successful treatment by the Acidum Aceticum Dilutum of the Pharmacopœia. London, 8vo, pp. 66.

This pretty little book is like the Dead Sea apples—fair without, but nought within.—*Brit. and For. Med. Rev.*, April, 1846, p. 497.

Little better than a self-laudatory advertisement.—*Med.-Chir. Rev.*, April, 1846, p. 540.

1847. SEIDELIN, E. Den raa Eddike, Acetum; et historisk pharmacologisk Forsök. Copenhagen, 8vo, pp. 48.

1866. BROADBENT, W. H. Cancer: a new method of treatment. London, 8vo, pp. 28. *Bibl. Med.-Chir. Soc.*

The new method of treatment advocated in this pamphlet is the subcutaneous injection of diluted acetic acid. The author was led to its employment from the facts (1) that this acid does not coagulate the albumen of the tissues, and (2) that it exercises a marked solvent power on the cells of cancer, as observed under the microscope. The hopes which at one time were entertained as to the efficacy of this mode of treatment have proved fallacious. Still, the pamphlet is not without interest.

ACHILLEA CLAVENÆ, Linn.

1610. CHIAVENA (CLAVENA), N. Historia Absynthii umbelliferi. Venetiis, 4to, tab. i. *Bibl. Banks.*

Ejus plantæ aquam stillatitiam et conservam florum mirifice laudat adversus variolas, viperæ morsum, aliaque mala.—*Haller, Bibl. Bot.*, i, p. 408.

1611. SPRECCHIS, P. Antabsinthium Clavenæ, &c. Venet. 4to, pp. 120, cum tab. 1. *Bibl. Med.-Chir. Soc.*

1852. ZANON, B. Rinvenimento dell' Achilleina e dell' Acido Achilleico nell' assenzio ombellifero (Achillea Clavenæ, *Linn.*) e nuovi studii sopra queste sostanze. Venezia, 4to, pp. 14.

ACHILLEA MILLEFOLIUM, Linn.

Milfoil or Common Yarrow.

1706. BERENGER, —. Traité de l'eau de Millefleurs, remède à la mode. Lyon, 12mo.

1709. PETZSCHIUS, C. H. *Diss. med. de Millefolio. Halæ, 4to.

1714. LANGIUS, G. J. De Millefolio. Præs. J. J. Baier. Altdorfi, 4to, pp. 22. *Bibl. Radcliffe; Banks.*

Laudat quinquagenarius candidatus herbam, ad Stahlii fere mentem, adversus congestiones in vena portarum, mictum cruentum.—*Haller, Bibl. Bot.*, ii, p. 81.

1718. HENNINGER, J. S. *De Millefolio. Resp. F. A. de Hasselt. Argentorati, 4to,

1719. HOFFMANN, F. *Diss. de Millefolio: Germanice Schaaf-Garben. Resp. C. H. Petzschius. Halæ, 4to, pp. 29. *Bibl. Banks.*

Solum millefolium (cum chamæmelo) igne subdito oleum dare cæruleum, cujus color non sit a cupro, idem saporis et odoris penetrantissimi, magnum anodynum, antispasmodicum et carminativum medicamentum. Millefolium laudat in colica, doloribus a partu, cardialgia, flatulentia ventriculi.—*Haller, Bibl. Bot.*, ii, p. 22.

1789. WILLDENOW, C. L. Tract. bot.-medicus de Achilleis. Halæ, 8vo, pp. 59, tab. 2. *Bibl. Banks.*

1845. ZANON, B. Dell' Achilleina e dell' Acido Achilleico nuovi principi immediati vegetabili rinvenuti nel Millefoglio (Achillea millefolium, *Linn.*) Memoria. Venezia, 4to, pp. 18.

1857. TEISSIER, —. Traitement des Flux Hémorrhoïdaires trop abondants par l'usage de la Millefeuille. Lyon, 8vo, pp. 22.

ACONITUM NAPELLUS, Linn., and its active principle, ACONITINE.

1577. GESNER, C. Libellus de Aconito primo Dioscoridis. In ejus Epistolæ Medicinales. Ed. C. Wolphius. Tiguri, 8vo. *Bibl. Radcliffe; Med.-Chir. Soc.*

Dioscorides (lib. iv, cap. 77, 78) describes two kinds of aconite: the first, of which Gesner treats, has been the subject of much difference of opinion and remains undetermined (it is probably Doronicum Pardalianches, *Linn.*); the second is, with little doubt, Aconitum Napellus, *Linn.*, our present article. See Sprengel's learned commentary in Kühn's edition of Dioscorides (Lipsiæ, 1830), vol. ii, p. 606-8.

1762. STÖRCK, BARON A. Libellus quo demonstratur Stramonium, Hyoscyamum, Aconitum tuto exhiberi usu interno, et remedia esse in multis morbis maxime salutifera. Viennæ, 8vo, pp. 118, tab. 4. German transl. by C. Schinz, Tiguri, 8vo. French transl. Paris, 1763, 12mo. English transl. London, 1763, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Baron Störck doubtless did good service in bringing aconite and other valuable vegetable remedies prominently to the notice of the profession, and showing how they might be used, not only with safety, but with advantage. At the same time grave doubts have been thrown upon many of his statements, which appear, to say the least of them, to be great exaggerations. (*Vide* "Conium.") The diseases in which aconite is reported by our author as useful are gout, cancer, and syphilis.

1765-80. COLLIN, H. J. Observationes circa morbos acutos et chronicos (Cicutæ, Aconiti, &c., vires). Vienna, vi parts, 8vo. *Bibl. Med.-Chir. Soc.*

1766. MANGHIN, —. Epistola ad Stoerck de Aconito. Viennæ, 4to.

1768. ANDREÆ, J. F. *De usu salutari Extracti Aconiti in Arthritide, observationibus comprobato. Præs. P. A. Boehmer. Halæ, 4to. *Bibl. Roy.*

Tria habet exempla pulveris ex aconiti extracto parati, felici effectu adversus arthritidem propinati.—*Haller, Bibl. Bot.*, ii, p. 588.

1769. REINHOLD, S. A. *De Aconito Napello. Argentorati, 4to. Idem in Baldinger, *Syllog. Select. Opusc.*, vol. ii, p. 314.
Bibl. Coll. Surg. Lond.; Banks.

1769. SPIELMANN, S. A. De Aconito. Argentorat. 8vo.

Conjungit speciem longis pedunculis cum minori, cui breves sunt. Venenata vis per ætatem evanescit; succum apes fugunt; is in foliis fœtet, in floribus nullum venenum est. Extracto superata est arthritis.—*Haller, Bibl. Bot.*, ii, p. 597.

1777. SPALOWSKI, T. J. N. De Cicuta.....Aconito, &c. *Vide* "Conium." *Bibl. Med.-Chir. Soc.*

1781. RASOUX, JEAN. Epistola de Cicuta, Stramonio, Hyoscyamo et Aconito. Nîmes, 8vo.

1784. MANN, M. L'ABBÉ. The extraordinary cure of the Gout by Hemlock and Wolfsbane (A. Lycoctonum) in his own case. Translated by P. Thicknesse. London, 8vo.
Bibl. Facult. Glasgow; Acad. Edin.

1788. KOELLE, J. L. C. Spicilegium observationum de Aconito. Erlangæ, 8vo, pp. 60, tab. i. *Bibl. Acad. Edin.*

1795. DAVIDSON, W. *Vide* "Rosa," 1795.

1835. TURNBULL, A. On the preparation and medicinal employment of Aconitine by the endermic method in the treatment of Tic Douloureux and other painful affections. London, 8vo, pp. 48.

The data on which the author bases his statement as to the efficacy of aconitine in neuralgia appear to be very unsatisfactory. See *Med.-Chir. Rev.*, April, 1835, p. 434. See also "Ranunculus," 1835.

1835. MAGENTA, A. *De Aconito. Ticini, 8vo, pp. 34.

1842. WHITTON, C. On the History, &c., of Monkshood (Aconite). Edin. 8vo.

1845. FLEMING, A. An Inquiry into the physiological and medicinal properties of Aconitum Napellus, to which are added observations on several other species of Aconitum. London, 8vo, pp. 160. *Bibl. Med.-Chir. Soc.*

To this essay was awarded the gold medal by the Senatus Academicus of Edinburgh in 1844, an honour which it justly merited. The inquiry is divided into six sections:—(1) History, botany, &c., of monkshood. (2) Physiological action on animals and vegetables. (3) Physiological action on man. (4) Therapeutic action. (5) Mode of administration. (6) Physiological action of other species of aconite. Each of these sections abounds in original observations and experiments, justly entitling the author to hold a high place in the ranks of modern therapeutists. He arranges the diseases for which aconite is available in three divisions:—(1) Neuralgia in all its forms, including tic douloureux, odontalgia, otalgia, thoracic and intercostal neuralgia, spinal irritation, neuralgia of the extremities, sciatica, angina pectoris, and gastralgia. (2) Diseases of the heart. (3) Rheumatism, acute and chronic, erysipelas, carcinoma, &c. In the majority of these cases the value of aconite, either internally or as a local application, is testified to by the author's personal observation. "An essay of great merit; it is simple, clear, carefully considered, and judicious."—*Brit. and For. Med.-Chir. Rev.*, Oct., 1845, p. 469.

1849. MARBOT, C. *De la Dysenterie considerée comme inflammation et de son traitement par l'Aconit Napel. Paris, 4to, pp. 21.

For further observations on the same subject see *Bull. de Thérap.*, 1849, xxxvi, p. 105.

1851. HAINAUT, —. Remarques tendant à démontrer l'avantage de l'emploi de l'alcoolature d'Aconit Napel, préférablement aux autres préparations de cet agent thérapeutique. Anvers, 8vo, pp. 16.

1853. SCHNEIDER, H. G. Handbuch der reinen Pharmakodynamik, 1 Lfg. Die Aconit, &c. Magdeburg, 8vo.

1854. VON SOIST, H. H. Dissertatio medica de Aconito. Berol. 8vo, pp. 63.

1855. IMBERT-GOURBEYRE, A. Études sur l'action élective de l'Aconit sur la tête et les nerfs de la face, dans ses rapports avec les propriétés antinévralgiques de ce médicament. (Ex *Gaz. Méd. de Paris*, 1855, p. 90, 105.) Paris, 8vo, pp. 29.

1855. IMBERT-GOURBEYRE, A. Mémoire sur l'Éphidrose (sueurs générales chroniques) . . . et son traitement par l'Aconit. (Ex *Gaz. Méd. de Paris.*) Paris, 8vo, pp. 21.

1856. CADE, A. De l'emploi de l'Arnica comme moyen préventif et de l'Aconit comme sédatif de l'inflammation consécutive à l'opération de la Cataracte. Montpellier, 8vo, pp. 24.

1856. HEADLAND, F. W. On poisoning by the root of Aconitum Napellus. London, 8vo. *Bibl. Linn. Soc.*

1856. MARCELLO, C. Dell' uso dell' Aconito Napello nelle Febbri Continue ed Intermittenti irritative comme surrogato al salasso ed al sanguisugio. Piacenza, 8vo, pp. 159. *Bibl. Coll. Phys. Edin.*

1858. REIL, W. Monographie des Aconit: eine Zusammenstellung dessen physiolog. und therapeut. Wirkungen, &c. Leipzig, 8vo, pp. 144. *Bibl. Coll. Phys. Edin.*

1863. HAHN, G. *Essai sur l'Aconit. Strasbourg, 4to, pp. 48.

1864. HOTTOT, E. De l'Aconitine et de ses effets physiologiques. Paris, 8vo, pp. 87.

1865. PENNY, F., and ADAMS, J. On the detection of Aconite by its physiological action; being notes of experiments made in connection with the trial of Dr. E. W. Pritchard. Glasgow, 8vo, pp. 28.

This research is of two kinds, one chemical, the other physiological; the latter is made on the principle that the substance or mixture suspected, if it contain a poison, will when given to an animal produce the effects which that poison is known to have on the same animal. Rabbits were selected in this instance; the results were strongly marked.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1866, p. 453.

1866. CRAMOISY, E. P. L'alcoolature d'Aconit Napel dans le traitement du Choléra-morbus épidémique. Paris, 8vo, pp. 50.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin ...Aconitin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

1871. SCHROFF, C. VON (junr.). Beitrag zur Kenntniss des Aconit. Vienna, 8vo, pp. 68.

1872. PATROUILLARD, C. *Des Aconits et Aconitine. Paris, 4to, pp. 87. *Bibl. Pharm. Soc. Lond.*

An excellent memoir, divided into seven chapters:—1. Botanical description of the genus aconitum. 2. Description of aconite root. 3. Aconites of the Himalayas. 4. Processes for the extraction of aconitine. 5. Chemical properties of aconitine. 6. Pharmacology of aconite. 7. Toxicology of aconite and aconitine. Conclusions. Each of these chapters bears evidence of considerable research, English writers being largely quoted from, and they are supplemented by some interesting original observations by the author.

1872. DUQUESNEL, H. De l'Aconitine cristallisée, et des préparations d'Aconit: étude chimique et pharmacologique. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1874. MOLÈNES, J. J. V. DE. *De l'Aconitine cristallisée et de son azotate. Paris, 4to.

1875. DESHAYES, C. Du traitement de la Fièvre Typhoïde par l'Aconit. Paris, 8vo, pp. 32.

1875. FRANCESCHINI, A. *Contribution à l'étude de l'action physiologique et thérapeutique de l'Aconitine. Paris, 4to.

1875. GUILLAUD, A. J. De l'Aconit et de l'Aconitine. Recherches sur leurs propriétés physiologiques et thérapeutiques. Montpellier, 4to, pp. 81, pl. 4.

1875. HARLEY, J. On the action and use of Aconitia. (Reprint from *St. Thomas's Hospital Reports*, v, p. 145 *et seq.*) London, 8vo, pp. 46.

The objects of this paper are first, to elucidate the precise action of aconite, and secondly, to ascertain whether or not it exercises any control over the febrile state. On both these points the author offers a large number of original and interesting observations and experiments.

ACOROIDES RESINIFERA.

1795. KITE, C. An account of the medicinal effects of the resin of Acoroides resinifera, or Yellow Resin from Botany Bay. Ex. in 'Essays and Observations, Physiological and Medical.' London, 8vo, p. 141-210. *Bibl. Med.-Chir. Soc.*

ADIANTUM CAPILLUS VENERIS, Linn.

Maiden-hair.

1544. CAMPO, B. De Adiantho. Granatæ, 4to.

1644. FORMI, P. Traité de l'Adianton, ou Cheveu de Venus, contenant la description, les utilités et les diverses préparations galéniques et spagyriques de cette plante. Pour l'usage familier de toute sorte des personnes, en la guérison de quelle indisposition que ce soit. Montpellier, 8vo, pp. 80, tab. i. Redit en Buchoz' 'Traités très rares,' Paris, 1780, p. 93-157. *Bibl. Banks.*

ÆGLE MARMELOS, Corr.

Bael, Bela, Bilva.

1853. ADOLPHUS, J. Remarks on the uses of the Indian Bael or Bela in dysentery, chronic diarrhœa and dyspeptic disorders. London, 8vo, pamphlet.

1854. CLEGHORN, H. Note on the Ægle Marmelos. (Ex *Indian Ann. of Med. Sci.*, Oct., 1854, p. 222-224, tab. i.)

Contains a short botanical account of the tree and its fruit.

1854. GRANT, A. Note on the preparations and uses of the Bael fruit. (Ex *Indian Annals. of Med. Sci.*, ii, 1854, p. 225.)

Furnishes several excellent formulæ for the administration of Bael, together with testimonies, original and collected, as to its value in the treatment of subacute dysentery, diarrhœa, and irregularity of the bowels.

1855. REMFRY, H. O. Notes on the nature and use of the Indian Bael. London. *Bibl. Manchester Med. Soc.*

1857. COLLAS, —. Bael ou Vilva; fruit de l'Ægle Marmelos, &c. (Ex *Révue Coloniale*, Aug. 1856.) Paris, 8vo, pp. 20.

ÆSCULUS HIPPOCASTANUM, Linn.

Horse-chestnut.

1733. ZANNICHELLI, G. Lettera intorno alla facoltà dell' Ippocastano. Venet. 4to, pp. 15, tab. i. *Bibl. Banks.*

Arborem describit, deinde corticis amari pulverem. Variis in experimentis eandem cum Peruviano cortice faciem induere, et eadem dare elementa; duabus etiam drachmis sub introitum paroxysmi datis, febres intermittentes profligasse. *Haller, Bibl. Bot.*, ii, p. 288.

1769. PEIPER, W. H. De Cortice Hippocastani. Duisburg, 4to.

1770. EBERHARD, J. P. Diss. de Nucis Vomicæ et Corticis Hippocastani virtute medica. Halæ, 8vo.

1780. TURRA, A. Della febrifuga facoltà dell' Ippocastano. Venet. 8vo. German transl. by Bucholtz, Weimar, 8vo, 1783. *Bibl. Banks.*

1782. ZULATTI, —. Osservazioni sopra la facoltà febbrifuga dell' Ippocastano. Florence, 4to.

1788. CUSSON, —. Observations sur les propriétés fébrifuges de l'écorce du Marronier d'Inde et sur les avantages que peut retirer de son emploi la médecine, dans le traitement des Fièvres Intermittentes. Montpellier, 4to, pp. 35. *Bibl. Banks.*

By the use of horse-chestnut bark M. Cusson thinks Peruvian bark may be almost entirely superseded; at least in his opinion, it is decidedly preferable in the treatment of the poor!—Duncan's *Med. Comment.*, xvii (1792), p. 125-130.

1805. CAILLARD, —. *Sur l'écorce du Marronnier. Paris, 4to.

1810. MEISSNER, C. L. *Vide* "Cinchona," Substitutes for. 1810.

1814. GASE, J. C. Mémoire sur l'emploi de l'écorce du Marronnier d'Inde, &c. (*Journ. Gén. de Méd.*, lxi, p. 233.) Paris.

1825. CANZONERI, F. Sur le Marronnier d'Inde, et découverte d'une substance nouvelle dans son fruit. In Italian. Palermo, 8vo.

ÆTHER *vide* ETHER.

ÆTHUSA CYNAPIUM, Linn.

1873. HARLEY, J. On the action of Fool's Parsley (Æthusa Cynapium). (Ex *St. Thomas's Hospital Reports*, vol. iv, n. s., p. 63-88.) *Bibl. Med.-Chir. Soc.*

From a careful examination of fifteen or sixteen cases of alleged poisoning by this plant, and from a series of original experiments with the expressed juice, tincture, extract and oleo-resinous principle obtained from it, on the human organism, Dr. Harley draws the conclusion, not only that it possesses no poisonous properties, but that it is a harmless plant, to which he is unable to assign any medicinal powers or therapeutic uses. From a table at the end, showing a comparison between the leaves of Æthusa Cynapium and Conium maculatum, it is easy to perceive how readily, in cases of poisoning, they may be confounded.

AGARIC OF THE OAK.

Polyporus (Boletus, L.) ignarius, Fries.

1754. WARNER, J. Cases in Surgery ... also an account of the preparation and effects of the Agaric of the Oak in stopping Hæmorrhages. London, 8vo. French transl. by Magenis, Paris, 1757, 12mo. *Bibl. Manchester Med. Soc.*

1755. PARKER, H. The Ligature preferable to Agaric in securing the blood-vessels after amputations. London, 8vo.

1757. NEAL (or NEALE), G. Observations on the use of Agaric and its insufficiency in stopping hæmorrhages after capital operations.

1778. RICHTER, A. G. *De Agarico. Göttingæ, 4to, pp. 8.

AGARIC OF THE LARCH.

Polyporus officinalis, Fries. (Boletus Laricis, Linn.).

1778. RUBEL, F. *De Agarico officinali. Vindobonæ, 8vo, pp. 42. *Bibl. Banks.*

1832. BISSON, —. Mémoire sur l'emploi de l'Agaric blanc contre les sueurs dans la Phthisie pulmonaire. Paris, 8vo.

1840. LÉVEILLÉ, J. H. Notice sur le genre Agaric, considéré sous les rapports botanique, économique, médical et toxicologique. Paris, 8vo, pp. 20.

AGARICUS MUSCARIUS. Vide AMANITA MUSCARIUS.

AGARICUS PIPERATUS et A. DELICIOSUS.

1799. (Ann. vii.) DUFRESNOY, A. *Vide* "Rhus radicans," 1799.

The advantages derived from the dried powder of the Agaricus piperatus and A. deliciosus in pulmonary complaints constitute the third part of this work. But the cases are too vaguely related and the practice too complicated to authorise any conclusion with regard to their real efficacy.—*Duncan's Ann. of Med.*, iv, 1799, p. 190.

AGAVE et BEGONIA, sp. of.

1794. BALMIS, F. X. DE. Demonstracion de las eficaces virtudes en las raices de los plantas de Nueva-España, especies de Agave y de Begonia para la curacion del vicio venéreo y escrofuloso. Madrid, pp. 347, tab. 2. German transl. by F. L. Kreysig, Leipzig, 1791, 8vo. *Bibl. Med.-Chir. Soc.; Pharm. Soc. Lond*

AGRIMONIA EUPATORIUM, Linn.

Agrimony.

1611. COMPLANI, B. De Agrimonia seu Eupatoria regia in medicamentorum compositione, &c. Pompeji, 4to.

1768. HILL, Sir J. A method of curing the Jaundice and other disorders of the liver by the herb Agrimony. London, 8vo. *Bibl. Acad. Edin.*

1783. BECKER, J. C. *Eupatorium Græcorum, seu Agrimoniæ vires. Erfordiæ, 4to, pp. 28.

AILANTUS EXCELSA et A. GLANDULOSA.

1785. GIRAUD, B. * De l'Ailante glanduleux. Paris, 4to.

1870. NÁRÁZAN DAJÍ. On Ailantus excelsa, a new Indian remedy. Bombay, 8vo.

This pamphlet tells us of a probably valuable medicinal agent of the class to which quassia belongs. The bark, which is the part employed, is favorably reported of in affections of the stomach and intestines, and even in the early stages of cholera.—*Practitioner*, Feb., 1871, p. 104.

AIR, FIXED, FACTITIOUS, and MEPHITIC. Vide CARBONIC ACID.

AIR, DEPHLOGISTICATED. Vide OXYGEN.

AKAZAGA POISON.

1867. FRASER, T. R. Notice of the Akazaga Ordeal of Western Africa, and of its active principle. London, 8vo. *Bibl. Med.-Chir. Soc.*

In addition to the above Dr. Fraser has published another paper, "On the characters of the akazaga plant, and the difference between the structure of its stem and that of strychnos nux vomica."

ALCOHOL. SPIRITS OF WINE, etc.

1532. SAVANAROLA, M. De arte conficiendi Aquam Vitæ: deque ejus vi admirabili ad conservandam sanitatem et corporis humani ægritudines curandas. Hagen. 8vo, et Basileæ, 1597, 8vo.

1646. BROUANT, J. Traité de l'Eau-de-Vie, ou Anatomie théorique et pratique du Vin. Paris, 4to, cum fig.

1659. TACCIUS, J. De consanguinitate Auri, Sacchari, et Spiritus Vini. Gissæ, 4to. *Bibl. Med.-Chir. Soc.*

1683. BOHN (or BOHNIUS), J. Observationes et experimenta circa usum Spiritus Vini externum in Hæmorrhagiis sistendis. Lipsiæ, 4to.

1697. CLOSSIUS, S. *De Spiritu Vini. Præs. G. W. Wedel. Jenæ, 4to. *Bibl. Med. Soc. Lond.*

1710. HAAN, J. *Vide* "Acetum," 1710.

1735. PAPEN, C. H. *De Spiritu Vini ejusque usu et abusu. Præs. J. G. Albrecht. Gottingæ, 4to. *Bibl. Med. Soc. Lond.*

1739. SHERWOOD, R. *De morbis a Potus Spirituosi abusu oriundis. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1745. KAPPENHAGEN, —. De insigni usu Spiritus Vini in sanandis Vulneribus. Altdorfii, 4to.

1762. KOCH, —. De Spiritu Vini rectificatissimo tanquam medicamento ad sistendas Hæmorrhagias externas optimo. Halæ, 4to.

1771. POHL, J. C. *De callositate ventriculi ex potus Spirituosi abusu. Lipsiæ, 4to. *Bibl. Med.-Chir. Soc.*

1771. DAIGNAN, W. Sur les effets salutaires de l'Eau-de-Vie de Genièvre dans les pays bas et marécageux. Dunkirk, 8vo. Idem, St. Omer, 1727, 4to.

1791. SCHÜÜRMANN, J. B. *De effectibus liquorum Spirituosorum in corpore humano. Harderovici, 4to, pp. 29.

1791. GARIBALDO, G. Sull' abuso dello Spirito di Vino ne' mali esterni, &c. Pavia, 8vo, pp. 163.

1793. JAENISCH, N. *De Spiritus Vini usu et abusu. Gottingæ, 8vo, pp. 61. *Bibl. Med. Soc. Lond.*

1799. SANDFORD, W. *Vide* "Vinum," 1799.

1803. ROBSON, W. *Vide* "Vinum, 1801."

1806. CURTAYNE, J. *De noxiis Alcoholis effectibus. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1810. TROTTER, T. Essay on Drunkenness, and its effects on the human body. Fourth ed. 8vo. *Bibl. Med.-Chir. Soc.*

1812. FORSTER, T. On the destructive operation of Spirituous and Fermented Liquors on the animal system. London, 8vo. *Bibl. Med.-Chir. Soc.*

1813. HENDERSON, W. De effectibus Alcohol. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1819. FAUCONNIER, J. B. *Influence des Liqueurs Alcooliques sur le système nerveux. Paris, 4to.

1827. BARRION, —. *Sur l'empoisonnement par l'Alcool. Montpellier, 4to.

1833. REESE, D. M. On Epidemic Cholera...with a brief Essay on the medical use of ardent spirits, being to show that Alcohol is as unnecessary and mischievous in sickness as in health. New York, 8vo, pp. 110.

1834. JANZION, M. *Quelques réflexions sur les effets morbides produits par l'abus de Liqueurs Alcooliques. Montpellier, 4to.

1836. VALLANCE, J. H. On the use of Brandy and Salt as a remedy for Inflammation, &c. Leeds, 8vo. Several subsequent editions. French transl. Paris, 1840, 8vo. German transl. Quedlinburg, 1841, 8vo. Danish transl. Copenhagen, 1842, 8vo, &c.

A popular quack publication, severely but justly handled in *Johnson's Med.-Chir. Rev.*, Jan., 1842, p. 162,

1839. PERCY, J. An experimental inquiry concerning the presence of Alcohol in the ventricles of the brain after poisoning with that liquid, together with experiments illustrative of the physiological action of Alcohol. London, 8vo, pp. 112. *Bibl. Med.-Chir. Soc*

Awarded the gold medal by the University of Edinburgh; details with minuteness the effects produced upon animals by the presence of alcohol in the system from the time of its introduction until death; the appearances after death are likewise described.—*Brit. and For. Med. Rev.*, Oct., 1839, p. 539.

1847. MARCEL, C. N. S. De la Folie causée par l'abus des Boissons Alcooliques. Paris, 4to, pp. 57.

This monograph is not alone worthy of the attention of those whose practice is chiefly confined to insanity, but merits that of practitioners generally, since the subject of which it treats too often falls within the observation of those whose experience of cases of pure mental derangement is not very extensive. For some of the author's views see *Lancet*, Aug. 31, 1850, p. 263.

1848. WARREN, J. C. The physiological effects of Alcoholic Drinks, by Dr. Forbes, with documents on the temperance reformation in Massachusetts. Boston, U.S. 12mo. *Bibl. Med.-Chir. Soc.*

1849. CHADWICK, J. On the use of Alcoholic Liquors in health and disease. London, 12mo, pp. 124.

The author arrives at the conclusion that, as a vast amount of mental and physical evil has resulted from the use of alcoholic drinks, and as the true mode of action of these drinks on the human body is unknown, there is no safe conduct in regard to them except their total disuse, save in their legitimate office as medicines. These points are advocated with considerable ability and good sense.—*Brit. and For. Med.-Chir. Rev.*, July, 1849, p. 250.

1850. DÖBBELIN, E. Diss. de Amblyopia et Amaurosi Alcoholica. Berlin, 8vo, pp. 24.

1850. SCHROEDER VAN DER KOLK, J. L. C. Voorlezing over den Invloed van Sterken Drank op het Ligchaam, &c. (A lecture on the influence of strong drinks on the human body.) Utrecht, 8vo, pp. 57.

This discourse relates especially to the use of spirituous liquors, and contains a clear enunciation of the grounds upon which science and morality wage war against the use of them as articles of diet; the author also shows the inutility of alcohol under any form, in regard to the purposes which it is commonly reputed to answer.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1851, p. 47.

1850. CARPENTER, W. B. On the use and abuse of Alcoholic Liquors in health and disease. (A prize essay.) London, 8vo, pp. 307. *Bibl. Med-Chir. Soc.*

A very comprehensive work. The author considers his subject with great attention and judgment, and introduces many interesting illustrations of

the lessons he inculcates. Without declaring himself either for or against the total abstinence system, he examines impartially the uses and abuses of vinous and spirituous stimulants, and he specifies in a cautious manner the instances in which the use of stimulants is admissible and may be required in the treatment of disease.—*Edin. Med.-Surg. Journ.*, vol. lxxiv, 1850, p. 214.

1850. THOMPSON, SPENCER. Temperance and Total Abstinence, or the use and abuse of Alcoholic Liquors in health and disease. London, 8vo, pp. 204. *Bibl. Med.-Chir. Soc.*

In this valuable and compendious essay the author communicates much useful information on the physiological and poisonous effects of alcohol and alcoholic liquors on the textures and functions of the human body (chap. i—vii). He then considers the use of alcoholic liquors under peculiar circumstances and in certain conditions of the human frame (chap. viii, ix). Next follows an inquiry into the employment of these liquors in medical practice and in the treatment of various diseases, and lastly, come some remarks on the use of water and various aqueous infusions, as tea and coffee, and their effects as drinks.—*Edin. Med. Surg. Journ.*, lxxiv, 1850, p. 215.

1851. HUSS, M. Chronische Alkoholskrankheit oder Alcoholismus Chronicus, &c. Stockholm, 8vo, pp. 215. German transl. from the Swedish, 1852. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

A scientific work far above the ordinary standard.—*Brit. and For. Med. Rev.*, April, 1852.

1852. STRAUCH, E. De demonstratione Spiritus Vini in corpus ingesti. Dorpati, 8vo, pp. 40.

Dr. Strauch, under the direction of Prof. Buchheim, appears to have been the first who employed chemical reagents for the detection of alcohol when taken into the system in large or poisonous doses. Odour and inflammability had previously been relied upon; this was therefore a considerable step in advance. By the means of these tests he found alcohol in the urine of an intoxicated dog as well as in various parts of animals killed by its agency.—*Brit. and For. Med.-Chir. Rev.*, July, 1861, p. 91.

1853. CARPENTER, W. B. Physiology of Temperance, &c., being an examination of the effects of the excessive, moderate, and occasional use of Alcoholic Liquors on the healthy human system. London, 8vo, pp. 184.

1854. YOUMANS, E. L. Alcohol and the Constitution of Man: an account of the chemical history and properties of Alcohol. New York, 16mo, pp. 127.

1854. MASING, R. *De mutationibus Spiritus Vini in corpus ingesti. Dorpati, 8vo, pp. 35.

Masing does not confine himself to criticising his predecessors, but applied to the search for alcohol in the tissues a series of experiments which appear fairly conclusive as to the fact of its passing unchanged through the system. To Masing is due the credit of first applying the chromic acid test to physiological chemistry.—*Brit. and For. Med.-Chir. Rev.*, July, 1861, p. 32.

1854. PEDDIE, A. On the pathology of Delirium Tremens and its treatment without Stimulants or Opiates. Edinb. 8vo, pp. 51.

The subject-matter of this able essay is of the highest practical importance.—*Edin. Monthly Journ. of Med.*, April, 1855, p. 327.

1855. WILSON, C. The Pathology of Drunkenness: a view of the operation of Ardent Drinks in the production of disease, &c. Edin. 8vo, pp. 230.

The symptoms and morbid phenomena produced by the intemperate use of alcoholic drinks on the functions and organs of man are described in a very graphic manner in this elegantly written volume, which, whilst it contains all that is known scientifically on its subject-matter, is also well adapted for the general reader.—*Edinb. Monthly Journ. of Med.*, May, 1853, p. 246.

1855. MONGUZZI, A. Dell' Alcoolismo. Padova, 8vo, pp. 48.

1855. DAVIS, N. S. A Lecture on the effects of Alcoholic Drinks on the human system, and the duties of medical men in relation thereto. Chicago, U.S., 8vo.

1858. MILLER, J. Alcohol, its place and power. Glasgow, 12mo, pp. 151. *Bibl. Med.-Chir. Soc.*

Though addressed strictly to the general public, there is much in this little work which is eminently calculated to interest and instruct the medical practitioner.—*Dublin Quart. Journ. Med. Sci.*, August, 1858, p. 139, *et seq.*

1859. BATAILHE, J. F., et GUILLET, A. D. De l'Alcool et des composés alcooliques en chirurgie, de leur influence sur la réunion immédiate, et sur les accidents graves, &c. Paris, 8vo, pp. 15. Third ed. 1860.

The following deductions are arrived at by the authors:—Alcoholic applications favour the immediate reunion of wounds, tend to prevent diffuse phlegmonous inflammation, the occurrence of suppuration and phlebitis, as well as inflammation of synovial membranes and purulent infection. It therefore follows that in the dressing of recent wounds, and after operations, we should abandon fatty matters and poultices, and revert to the use of alcoholic applications; in other words, go back to the practice of the ancients.—*Lancet*, October 22, 1859, p. 414.

1859. BELL, J. On the effects and use of Alcoholic Liquors in Tubercular Disease, or in constitutions predisposed to such disease. The Fiske Fund Prize Essay. (Ex. in *Amer. Journ. Med. Sci.*, Oct. 1859, p. 407-436.)

A highly interesting memoir. The author's general conclusions, slightly abridged, are as follows:—1. The common opinion that alcoholic liquors have a marked influence in preventing tubercular deposit is destitute of any solid foundation. 2. On the contrary, their use seems rather to predispose to tubercular deposition. 3. Where tubercle already exists, alcohol has no obvious effect in modifying its course. 4. Neither does it mitigate, in any considerable degree, the morbid effects of tubercle upon the system, in any stage of the disease. Dr. Bell bases his conclusions on statistical data, which, however, are very limited in their scope.

1860. CASTEL-BRANCO, P. DE. De Alcool e dos compostos Alcoolicos em chirurgia. Paris, 8vo, pp. 14.

1860. RACLE, V. A. *De l'Alcoolisme. Paris, 8vo, pp. 123. *Bibl. Med.-Chir. Soc.*

This essay discusses briefly the physiological, medical, and medico-legal aspects of alcoholism, a term which the author applies to all the effects produced by alcoholic beverages upon the human economy.—*Brit. and For. Med.-Chir. Rev.*, July, 1860, p. 162.

1860. MARCET, W. On Chronic Alcoholic Intoxication, or Alcoholic Stimulants in connection with the nervous system, &c. London, 8vo, pp. 172. Second ed., 1862, pp. 258.

This work is devoted solely to the consideration of the assemblage of symptoms manifested, especially in the nervous system, of the individuals who have been the victims of intemperance, to which the term "chronic alcoholism" is applied, viz. want of sleep, tremors, vertigo, headache, hallucinations such as muscæ volitantes, spectres, imaginary noises, great debility, and dyspnœa. The main object is to direct attention to the oxide of zinc as a remedy in these cases, Dr. Marcet having found great benefit from it in numerous cases, in doses of grs. ii-vj twice or thrice daily.—*Brit. and For. Med.-Chir. Rev.*, April, 1860, p. 159-60.

1860. MARCET, W. Experimental Inquiry into the action of Alcohol on the nervous system. London, 8vo. *Bibl. Med.-Chir. Soc.*

The results at which the author has arrived from numerous experiments are as follows:—1, that alcohol acts principally, but not exclusively, on the nervous centres by means of absorption; 2, that it exerts a slight but decided action on the nervous centres through the nerves independently of the circulation; and 3, the action transmitted through the nerves may give rise to a shock or temporary complete suspension of sensibility and mobility, although respiration continues; or it may produce no other visible effect than hastening death.—*Beale's Archives of Medicine*, vol. ii, p. 141.

1860. LALLEMAND, L., PERRIN, M., et DUROY, J. L. P. Du rôle de l'Alcool et des anæsthétiques dans l'organisme. Paris, 8vo, pp. 432. *Bibl. Med.-Chir. Soc.*

The arrangement of the book is excellent, the illustrations of the forms of instruments used most graphic, and the chapters of social, pathological and therapeutical applications very pleasant reading. We miss, however, in the latter an acquaintance with the original labours of Boecker, Hammond, and others of recent date, which would often have enforced and sometimes modified their dogmas. It is to be regretted that, though they repeated Masing's experiments, they have not quoted his treatise, and thus led others by their language to infer that they claim the merit of having been the first to apply the chromic acid test to physiological chemistry.—*Brit. and For. Med.-Chir. Rev.*, July, 1864, p. 93. *Vide* also "Anæsthetics."

1861. LE COEUR, J. Études sur l'intoxication Alcoolique. Caen, 8vo, pp. 32.

1861. SMITH, E. Experimental inquiries into the nature and action of Alcohols as Food. (Society of Arts.) London, 8vo. *Bibl. Med.-Chir. Soc.*

1861. SMITH, E. On the mode of action of Alcohol in the treatment of disease. (*Med. Soc. Trans.*) London, 8vo. *Bibl. Med.-Chir. Soc.*

1863. HÉBERT, L. *Des Alcools employés en médecine. Paris, 8vo, pp. 64.

1863. CROSS, A. F. A. *Action de l'Alcool Amylique sur l'organisme. Strasbourg, 4to, pp. 42.

1864. GAULEJAC, J. DE. *Du pansement des Plaies par l'Alcool. Paris, 4to, pp. 84.

1864. PERRIN, M. De l'influence des Boissons Alcooliques, prises à doses modérées, sur la nutrition. Paris, 8vo, pp. 36.

1864. CHÉDEVERGNE, S. Du traitement des Plaies chirurgicales et traumatiques par les pansements à l'Alcool (Eau-de-vie Camphrée). Paris, 8vo, pp. 38.

1864. BAUDOT, E. De l'Alcool, de sa destruction dans l'organisme. Paris, 8vo, pp. 16.

1864. VOISIN, A. De l'état mental dans l'Alcoolisme aigu et chronique, et dans l'Absinthisme. (Ex *Ann. Méd. Psychol.*, Jan. et Juil. 1864.) Paris, 8vo, pp. 103.

1864. ANSTIE, F. E. Stimulants and Narcotics...with special researches on the action of Alcohol, Ether and Chloroform on the vital organism. London, 8vo, pp. 510. American ed. Philad. 1865. *Vide* "Stimulants."

1865. PERRIN, M. De l'influence des Boissons Alcooliques, prises à doses modérées, sur la nutrition. Paris, 8vo, pp. 36.

1865. LE COEUR, J. Cicatrisation et désinfection des Plaies et Blessures par les pansements à l'aide de l'Alcool et des teintures alcooliques, &c. 2nd ed. Paris, 8vo, pp. 88.

1865. BÉHIER, J. Sur l'emploi interne de l'Alcool à hautes doses dans les Phlegmasies et dans les Maladies Fébriles. (Ex *Bull. Gén. de Thérap.*, Feb. 28, 1865.) *Vide* "Gingeot," *infrà*. Paris, 8vo, pp. 12.

1865. PENNETIER, G. De la Gastrite dans l'Alcoolisme. Rouen, 4to, pp. 27.

1865. BÉRENGER-FÉRAUD, J. B. Du pansement des Plaies par l'Alcool. Paris, 8vo, pp. 30.

1866. LEGRAS, A. B. *Contributions à l'emploi thérapeutique de l'Alcool. Paris, 4to.

1866. JULIANO, G. *Essai sur l'Alcoolisme. Paris, 4to.

1866. LEES, F. R. An inquiry into the reasons and results of the prescription of Intoxicating Liquors into the practice of medicine. London, 12mo, pp. 144.

1867. FORBEN, E. F. Cholera, Alkohol und Fuselstoffe. Analekten. St. Petersburg, 8vo, pp. 88.

1867. GOURE, A. *Sur les dangers des excès Alcooliques. Montpellier, 4to, pp. 44.

1867. LEGRAS, A. Verhandeling over het therapeutisch gebruik van den Alcohol. Tiel, 4to.

1867. FOVILLE, —. Du Delirium tremens, de la Dipsomania et de l'Alcoolisme, notice historique et bibliographique. Paris, 8vo, pp. 40.

1867. GINGEOT, P. Essai sur l'emploi thérapeutique de l'Alcool chez les enfants, et en général sur le rôle de cet agent dans le traitement des Maladies Aigues Fébriles. Paris, 8vo, pp. 139.

The author of this work is one of the most distinguished pupils of M. Béhier, who, following the example of Todd in England, took the initiative in introducing the use of stimulants in the treatment of acute disease With a courage which at first found few imitators, M. Béhier threw aside

prejudice, and gave alcohol a cautious but fair trial in acute inflammations, especially pneumonia, and reported very favorably of the results of his experiments. (Vide *Bull. de Thérap.*, Jan. 1865, and also his large work, 'Conférences de Clinique Médicale,' Paris, 1866.) M. Gingeot's book, though singularly modest and unostentatious in style, is filled with important matter, and a considerable portion of the volume is occupied with a number of accurately recorded cases. Nothing has been written in our language upon the topic that equals this essay in clearness and exhaustive statement of the facts and arguments.—*Practitioner*, July, 1868, p. 45-46. For an abstract of M. Gingeot's observations see *Brit. and For. Med.-Chir. Rev.*, April, 1868, p. 525.

1867. PÉCHOLIER, G. Sur l'emploi de l'Alcool dans le traitement de la Pneumonie. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

M. Pécholier is a more cautious and guarded follower of the principles of M. Béhier than M. Gingeot (*antè*). The latter, though apparently more bold, is more scientific and more truly cautious in his appreciation of the cases which do and of those which do not require alcohol than M. Pécholier. But at any rate these two volumes, together with the writings of M. Béhier, prove sufficiently the downfall of that purely theoretical view of inflammatory diseases which (mainly under the influence of Broussais and Bouillaud) lingered longer in France than in either England or Germany.—*Practitioner*, July, 1868, p. 47.

1867. GANDIL, F. De la Cirrhose Alcoolique. Paris, 8vo, pp. 47.

1867. GUÉRIN, E. *De l'emploi de l'Alcool dans le traitement des Blessures de guerre. Paris, 4to.

1867. SÉGOGNE, E. R. DE. *De l'emploi de l'Alcool dans le pansement des Fractures compliquées de plaies. Paris, 4to, pp. 64.

1867. LEBÈGUE, E. *Du traitement de l'Ophthalmie Blennorrhagique par l'Alcool. Paris, 4to.

1868. MUNIER, —. De l'Alcool en thérapeutique. Troyes, 8vo, pp. 43.

1868. AVELLANEDA, M. E. *Pansement des Plaies chirurgicales et traumatiques par l'Alcool et l'aspiration continue. Paris, 4to.

1868. BIDARD, R. *De l'influence de l'Alcool sur la température et les pouls dans la Pneumonie. Paris, 4to.

1868. LECLÉRE, É. *Étude sur quelques accidents nerveux aigus de l'Alcoolisme chronique. Paris, 4to.

1868. FAURE-FAVIER, P. M. *De l'action thérapeutique de l'Alcool. Paris, 4to.

1868. VELUT, P. J. *De l'Amblyopie par l'Alcool et le Tabac. Paris, 4to.

1868. AUDHOUI, V. *Pathologie générale de l'empoisonnement par l'Alcool. Paris, 8vo, pp. 130.

1868. STORY, G. O. Alcohol; its nature and effects. New York, 18mo, pp. 392.

1868. SURMAY, —. De quelques formes peu connues de la Cachexie Alcoolique, et particulièrement de sa terminaison par intoxication urémique sans albumine. Paris, 8vo, pp. 12.

1869. GROS, —. De l'emploi de l'Alcool dans le traitement de la Pneumonie, &c. Paris, 8vo, pp. 12.

1869. LECORRE, E. D. *Sur l'abus des Boissons Alcooliques. Montpellier, 4to, pp. 29.

1869. BERTIN, G. Étude sur la Transfusion, et l'emploi des Alcools dans les Hémorrhagies Utérines. Nantes, 8vo, pp. 20.

1869. BELL, J. Report of the Committee on the relations of Alcohol to Medicine. Philadelphia, 8vo, pp. 120.

This is a very full and carefully arranged series of observations and opinions against alcoholic drinks, in any form, and under nearly all circumstances. It is well written, contains a great deal of information, will afford *data* for at least a dozen temperance orations, and in the main is correct in its conclusion, that most people would be very much better if they never tasted alcohol from one end of the year to the other.—*Edin. Med. Journ.*, June, 1871, p. 1121.

1869. GODFRIN, A. De l'Alcool, son action physiologique, et ses applications thérapeutiques. Paris, 8vo, pp. 90.

1869. JUNG, E. *Des effets physiologiques et thérapeutiques de l'Alcool. Paris, 4to.

1869. BONAMY, E. P. *Étude sur quelques-uns des effets des Antimoniaux et des Alcooliques dans le traitement des Phlegmasies du Poumon. Paris, 4to.

1869. GACHET, G. *Traitement de l'Alcoolisme aigu. Paris, 4to.

1870. CALKINS, A. The Opium Appetite, with notices of Alcoholic beverages. *Vide* "Opium," 1870.

1870. CASSAIGNES, A. *Étude sur l'action physiologique et les effets thérapeutiques de l'Alcool. Paris, 4to.

1870. LANGLOIS, P. A. *Essai sur l'Alcoolisme aigu aux États-Unis. Paris, 4to.

1870. LASSAIGNE, P. *Quelques considérations sur l'Alcoolisme dans ses rapports avec la pneumonie, la variole, et l'érysipèle. Paris, 4to.

1870. PÉRONNE, V. *De l'Alcoolisme dans ses rapports avec le traumatisme. Paris, 4to. *Bibl. Med.-Chir. Soc.*

1870. BOUVET, P. *Essai sur l'Alcoolisme. Montpellier, 4to, pp. 45.

1870. HORNBY, J. On Alcoholic Liquors predisposing the system to the generation of Syphilis and Gonorrhœa. Albany, U.S., pamphlet.

1870. PARKES, E. A., and WOLLOWICZ, Count C. Action of Alcohol on the human body. Ex. in *Proceedings of Royal Society*, 1870.

These physiologists have made two important series of experiments with the object of ascertaining the physiological and dietetic effects of alcohol on the human frame in a state of health. The first series refers exclusively to alcohol diluted with water, or to brandy; the second to the action of claret. The final result of these experiments tends to confirm the opinion held by most physicians as to the use of alcohol. The experimenters, whilst recognising the great practical use of alcohol in raising a failing appetite, excit-

ing a feeble heart, and accelerating a languid capillary circulation, are strongly impressed with the need of moderation and caution in its use. With regard to the propriety of a healthy adult taking alcohol, the authors have no hesitation in saying that he would be better without it. For other interesting observations, especially with reference to the elimination of alcohol, see the original paper (*ante*) or *Lancet*, Aug. 15th, 20th, 1870; *British Med. Journ.*, Dec. 3, 1870; *Dublin Journ. Med. Sci.*, Feb., 1871.

1871. CASTOLDI, E. Sull' Alcoolismo acuto considerazioni. Milan, 8vo, pp. 84.

The object of this memoir is to give a new and improved classification of the different mental disorders caused by the abuse of alcohol. Although the author shows an indifferent acquaintance with the existing state of knowledge as regards acute alcoholism, his paper is an interesting one and is illustrated by numerous concisely related cases.—*Dublin Journ. Med. Sci.*, June, 1872, p. 482.

1871. AUTELLET, M. *De l'action antipyrétique de l'Alcool employé dans la fièvre typhoïde. Paris, 4to.

1871. CHALLAND, T. Sur l'Alcoolisme. *Vide* "Artemisia Absinti," 1871.

1871. GÉRY, S. *De la Pneumonie des Alcooliques. Paris, 4to.

1871. TRIFAUD, L. Du Délire Alcoolique chez les blessés et les opérés. Paris, 4to.

1871. DERBY, R. H. Colour-blindness, and its acquisition through the abuse of Alcohol and Tobacco. New York, pamphlet.

1871. DANET, G. De l'un des rôles de l'Alcool en thérapeutique. Paris, 8vo, pp. 19.

1872. HESLOP, T. P. The abuse of Alcohol in the treatment of acute disease; a review. London, 8vo, pp. 39.

A reprint of a review which appeared in 'Dublin Journ. Med. Sci.,' 1860. It consists mainly of a criticism of Dr. Todd's 'Clinical Lectures on certain Acute Diseases,' Dr. Heslop conceiving that this great physician erred greatly in over-stimulating his patients. He advocates the moderate use of alcohol in disease, and shows how greatly it has been abused by some practitioners.—*Dublin Journ. Med. Sci.*, Feb., 1873, p. 138.

1872. BAUDRY-LACANTINERIE, M. P. A. *Des indications de l'Alcool dans le traitement de la Pneumonie. Montpellier, 4to, pp. 50.

1872. LUNIER, L. *Du rôle que jouent les Boissons Alcooliques dans l'augmentation du nombre des cas de Folie et de suicide. Paris, 8vo, pp. 40.

1872. BOUVIER, C. Pharmakologische Studien über den Alkohol. Berlin, 8vo, pp. 64. *Bibl. Med.-Chir. Soc.*

1872. CICOGNANI, E. Sull' Alcoole. Forli, 8vo, pp. 22.

1872. DANET, G. De l'Alcool dans le traitement des Maladies Puerpérales, suites de couches et de la résorption purulente. Paris, 8vo, pp. 36.

1872. MARVAUD, A. Étude de Physiologie thérapeutique. L'Alcool, son action physiologique, son utilité, et ses applications en hygiène et en thérapeutique. Paris, 8vo, pp. 160, pl. lith. 25.

1872. TEBALDI. A. Dell' Alcool nella cura della Pellagra, note di terapia speciale. Padova, 8vo, pp. 12.

1872. TRÉPANT, L. Étude sur l'action physiologique et l'emploi thérapeutique de l'Alcool. Paris, 4to. Ibid. 1873, 8vo, pp. 56.

1872. MARTY, G. *Contribution à l'étude de Alcoolisme. Paris, 4to. Ibid. 1873, 8vo, pp. 80.

1873. VIEILLARD, L. *De l'injection minime de l'Alcool dans les collections séreuses. Paris, 4to.

1873. TROYON, J. F. *Quelques mots sur l'Alcoolisme. Paris, 4to.

1873. GAMBUS, L. *De l'Alcoolisme chronique terminé par paralysie générale. Paris, 4to.

1873. MAGNAN, V. De l'Hémianesthésie de la sensibilité générale, et de sens, dans l'Alcoolisme chronique. Paris, 8vo, pp. 20.

1873. FOURRIER, —. De l'emploi de l'Alcool dans la Fièvre Typhoide, et dans le Choléra infantile. Paris, 8vo, pp. 16.

1874. FAUGEYRON, G. *De l'emploi de l'Alcool dans le traitement des suites de couches. Paris, 4to.

1874. GAZIN, A. *De l'Alcool dans les Pneumonies adynamiques. Paris, 4to.

1874. MAGNAN, V. De l'Alcoolisme, des diverses formes du Délire alcoolique, et de leur traitement. Paris, 8vo, pp. 286. *Bibl. Med.-Chir. Soc.*

1874. PAUCHON, A. Étude sur quelques conditions du développement de l'albuminurie, et en particulier sur l'Alcoolisme considéré comme cause de ce phénomène. Marseille, 8vo, pp. 23.

1874. RENAULT, A. *Essai sur l'influence de l'Alcoolisme dans le développement de plusieurs groupes d'affections cutanées. Paris, 4to.; ibid. 8vo, pp. 75.

1875. CONRAD, F. Über Alkohol- und Chininbehandlung bei Puerperal-Fieber. Bonn, 8vo, pp. 51, mit 29 lith. Temperaturtab.

1875. GRODVOLLE, P. *Contribution à l'étude des altérations du Foie dans l'Alcoolisme. Paris, 4to.

1875. MARFAING, E. *De l'Alcoolisme considéré dans ses rapports avec l'Aliénation mentale. Paris, 4to; ibid. 8vo, pp. 82.

1875. JUIF, P. *De l'Anesthésie Alcoolique. Paris, 4to; ibid. 8vo, pp. 50.

1875. JOFFROY, —. *De la médication par l'Alcool. Paris, 4to; ibid. 8vo, pp. 148.

1875. PREVOST, J. L. Étude clinique sur le Délire Alcoolique. Genève et Bâle, 8vo, pp. 41.

1875. TRALL, R. T. Der Alkohol und seine Verbannung aus unserm Arzneischatze. Berlin, 8vo, pp. 178.

1875. RONCHI, J., et SALVIOLI, G. Studio critico sperimentale intorno ad alcune particolarità dell' azione fisiologica dell' Alcool, &c. Modena, 8vo, pp. 96.

1875. RICHARDSON, B. W. On Alcohol: a course of six Cantor Lectures delivered before the Society of Arts.
London, 8vo, pp. 122.

In these lectures Dr. Richardson gives an excellent account of the physiological action of alcohol and substances allied to it, and describes the difference in the physiological action between alcohols belonging to the same homologous series. Although delivered to a popular audience, these lectures contain much instruction to medical men, and even to those who have made the action of alcohol a special study.—*Practitioner*, Sept., 1875, p. 203.

See also "Stimulants."

ALEURITES TRILOBA, Linn.

1858. O'ROURKE, —. Produits divers des Euphorbiacées et en particulier des propriétés purgatives de l'huile d'Aleurites triloba. (Ex *Répert. de Pharmacie*, Feb., 1858.) Paris, 8vo.

This oil is pronounced by the author, after repeated trials, a safe and mild purgative in doses of one to two ounces, similar in operation to castor oil, but superior to it as having neither taste nor smell, and as not inducing nausea, griping, &c.

ALISMA PLANTAGO, Linn.

1817. WOLF, J. Alisma Plantago, *Linn.*, gegen die Wasserscheu, &c.
Nürnberg, 4to, cum tab. i.

ALOES.

1537 PUTEANUS, G. Mesue. Aloen non aperire ora venarum, aliaque similia non pauca adversus J. Manardum et L. Fuchsium defensio, &c. Lyon, 8vo.

Aloen ventriculo non nocere, cum rheum non sine noxa exhibeatur.—*Haller, Bibl. Med. Pract.*, ii, p. 34.

1567. DURASTANTES, J. MATHÆUS. Libri duo medici. I. De Aceto Scillino (*vide* "Scilla"). II. De Aloës substantia, quantitate, relatione, qualitatibus, actionibus, &c. Venetiis, 8vo. Ed. alt. Giessæ, 12mo, 1614. Italian transl. Macerata, 1574, 8vo.
Bibl. Med. Soc. Lond. (ed. 1614, *sub nom.* "Mathæus").

1611. JOANNIUS, J. De utilitate pilularum Aloëticarum Patavii. 4to. Ed. alt. Patavii. 12mo, 1630.
Bibl. Coll. Surg. Lond.; Med. Soc. Lond. (1611); *Acad. Edin.* (1630).

1616. MINDERER, R. Aloedarium marocostinum seu descriptio pilularum, ex Maro. Costo et Aloë confectarum. Augustæ Vindel. 8vo, pp. 235. Ed. alt. 1622, 12mo; 1626, 12mo.
Bibl. Med.-Chir. Soc.

1633. MARCQUIS, W. Aloë morbifuga in sanitatis conservationem concinnata. Antverpiæ, 12mo.
Bibl. Med.-Chir. Soc.; Lond. Med. Soc.

1644. MARTINER Y LEOCHE, M. De vera et legitima Aloës electione juxta Mesues textum. Pompeiopoli, 12mo.

1670. FRIDERICI, J. A. *De Aloe. Resp. G. Baier. Jenæ, 4to.
Bibl. Banks.

1680. MUNTING, A. Aloidarium seu Aloes mucronato folio, aliarumque ejusdem speciei historia. Amst., 4to, pp. 33.
Bibl. Lin. Soc.; Radcliffe.

1717. DONS, PAULUS. De Pilulis Aloëticis, earumque genuina præparatione ac usu. Hafn. 4to.

1723. JACOBI, C. *Diss. historico-medica de Aloe. Præs. J. H. Schulze. Altorfii, 4to, pp. 20.
Bibl. Acad. Edin.; Banks (sub nom. Schulze).

Philologia aloës, de aliis speciebus et homonymis; de tribus generibus aloës officinalis; Socotrinæ nomen derivata συκοτρικη.—*Haller, Bibl. Bot.*, ii, p. 143.

1727. TREW, C. J. De Aloe. Norimberg, 4to.
Bibl. Med. Soc. Lond.

1745. LIS, GAULTHER VAN. *De Aloe. Lugd. Bat. 4to.
Bibl. Roy.

Analyses habet utriusque aloës...Porro utriusque dedit extractum resinosum et aquosum. Hoc alvum ducere, resinosum constringere.—*Haller, Bibl. Bot.*, ii, p. 348.

1753. BERGER, C. A. DE. *De Aloide. Francf. ad Viad. 4to.
Bibl. Linn. Soc.

1781. BUSCH, D. *De Aloeticorum abusu in Hæmorrhoidibus. Marburgi, 4to, pp. 22.

1785. THUNBERG, C. P. *Aloe. Resp. A. Hesselius. Upsaliæ, 4to.
Bibl. Linn. Soc.

1785. MURRAY, J. A. Succi Aloes amari initia. Gottingæ, 4to. pp. 24. Redit in autoris Opuscula, vol. ii, p. 471-500.
Bibl. Banks.

1803. FORD, J. Three Letters on Medical Subjects, containing an account of the effects of an Aloetic in Gout and other chronical complaints, &c. London, 8vo.

1811. LUBBERT, C. *De Aloes usu in Ictero. Marburgi, 8vo, pp. 22.

1836. MINOZZI, A. *De Aloe. Patav. 8vo, pp. 24.

1875. CRAIG, W. Notes on "Changed Aloin" and the Resin of Aloes. (Reprint from *Edin. Med. Journ.*, May and June, 1875.) Edin. 8vo, pp. 12.

The "changed aloin," here described is aloin (a crystalline principle discovered by Messrs. Smith, of Edinburgh, in 1851) subjected to exposure to the air, under which process it undergoes considerable chemical changes. It seems to retain all the powers of aloin, and injected into the veins (of a rabbit) to act efficiently as a purgative. Dr. Craig's observations on the resin of aloes are also of interest, as showing that when thoroughly deprived of aloin it possesses no purgative properties.

ALUMEN.

1672. JORDAN, H. Disputatio de Sale, Nitro et Alumine. Helmstadt, 4to. *Bibl. Coll. Phys. Lond.*

1704. HELVETIUS, G. J. A. Sur les bons effets d'Alum. Paris, 12mo.

1715. KHUON, J. F. M. *De Alumine. Altorfii, 4to, pp. 28. *Bibl. Banks.*

1748. FÜRSTENAU, J. F. *De Alumine. Resp. H. Heisenius. Rintel, 4to. *Bibl. Roy.*

1765. BRINCKMANN, J. P. *De Alumine. Lugd. Bat. 4to, pp. 42. *Bibl. Banks.*

1772. SEYDLER, G. C. L. *De Alumine ejusque usu medico. Lipsiæ, 4to. *Bibl. Med.-Chir. Soc.; Banks.*

1777. STEINHÄUSER, F. M. Experimenta de terra Aluminis, cum quibusdam adnexis historiam Aluminis complentibus. August. Vindob. 8vo.,

1784. LINDT, J. L. *De Aluminis virtute medica. Gottingæ, 4to pp. 81. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.; Acad. Edin.*

1805. GADOLIN, J. *De Alumine. Resp. G. Tornquist. Aboæ, 4to. *Bibl. Linn. Soc.*

1824. SCUDAMORE, C. An Essay on the Blood...and an account of the powers of a saturated solution of Alum as a styptic remedy in Hæmorrhage. London, 8vo, pp. 162. *Bibl. Med.-Chir. Soc.*

The first part of this essay, treating of the circumstances which influence the coagulation of the blood, contains many points of considerable interest to the therapeutist. The concluding portion of the work is devoted to an inquiry into the styptic powers of alum, a saturated solution of which, the author was led to infer from experiments on freshly drawn blood, is more effectual in arresting hæmorrhage than any other styptic.—*Edin. Med. Surg. Journ.*, xxiii, Jan. 1825, p. 206.

1838. ANDREWS, M. F. L. *On the sedative effects of Alum. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1847. RIVALLIE, A. Traitement du Cancer, &c. par l'Acide Nitrique, suivi de réflexions sur les avantages de l'emploi de l'Alum dans le pansement des Plaies. Paris, 8vo. See "Nitric Acid."

1867. BERTHOLLE, —. Traitement médical du Croup par l'Émétique à haute dose combiné à l'action topique de l'Alum sur le pharynx. Paris, 8vo, pp. 11.

ALYXIA AROMATICA, Reinw.

1824. NEES VON ESENBECK, T. F. L. Ueber ein neues Arzneimittel, Cortex Alyxiæ aromaticæ. Schmalkaldm, 8vo. *Bibl. Roy.*

AMANITA (AGARICUS, Linn.) MUSCARIUS, Pers.

1755. BERNHARDT, —. Chym. Versuche und Erfahr. aus Vitriol- und Fliegenschwämmen kräftige Arzneyen zu verfertigen. Leipzig, 8vo.

1776. KRACHENEMINIKOV, —. On the poisonous effects of Agaricus muscarius. (In Russian). Lemgo, 4to.

1778. WHISTLING, C. G. *De virtutibus Agarici muscarii vulgo Fliegenschwamm, tam in internis quam in externis. Præs. C. G. Gruner. Jenæ, 4to, pp. 22. *Bibl. Banks.*

Advocated as a remedy in epilepsy. Largely quoted from by Murray, *Appar. Med.*, v., p. 558 *et seq.*

1783. GEORGI, —. Observations sur l'Agaricus (Amanita) muscarius. (En Allemand.) Leipzig, 4to.

1814. VADROT, E. Sur l'empoisonnement par les Champignons, particulièrement par l'espèce appelée Fausse Oronge. Paris, 8vo.

1826. LETELLIER, —. Essai sur les propriétés chimiques et toxiques du poison des Agarics à Volva. Paris, 4to.

In this essay the author announces the discovery in this fungus of a poisonous principle which he named Amanitine.

1869. SCHMIEDEBERG, O., et KOPPE, R. Das Muscarin, das giftige Alkaloid des Fliegenpilzes (Agaricus muscarius, *Lin.*), &c. Leipzig, 8vo, pp. 111.

AMMONIA AND ITS PREPARATIONS.

1675. WEDEL, G. W. De Sale Volatili plantarum. Jenæ, 18mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (ed. 1672,)

1678. KUNKELIUS, J. Obs. de Salibus fixis et volitalibus, &c. Latine a C. A. Ramsaio. London, 18mo. *Bibl. Med.-Chir. Soc.*

1687. BROWALLIUS, G. E. *Disp. de Sale Volatili. Præs. A. Drossander. Upsaliæ, 12mo, pp. 38.

1696. BERNER, G. E. *De Salis Volatilis genesi usu at abusu medico. Præs. F. Hoffmann. Halæ. 4to. *Bibl. Med. Soc. Lond.*

1774. PEYRILHE, B. Remède nouveau contre les maladies Vénériennes, ou essai sur la vertu anti-vénérienne des Alkalis Volatils. Paris, 8vo. Alt. ed. 1786. *Bibl. Med.-Chir. Soc.*

This work, designed to show that ammonia is of greater efficacy than mercury in the cure of syphilitic affections, contains some curious and uncommon opinions; but the author has so mingled the various parts of his hypothesis with the description of the disease that it is not always easy to discover when he is indulging in the sallies of a brilliant imagination and when he is describing the order, progress, and connection of real phenomena. The claims of ammonia as an antisyphilitic did not originate with M. Peyrilhe, they had been previously set forth by Jacobus Vercellonus in 1722, in a work entitled 'De Pudendorum Morbis et Lue Veneres.'—*Pearson, Articles of Mat. Med.*, p. 90.

1777. LE SAGE, —. Expériments propres à faire connaître que l'Alkali Volatil est le remède le plus efficace dans les Asphyxies, avec des remarques sur les effets avantageux qu'il produit dans la morsure de la vipère, la rage, la brulure, l'apoplexie, &c. Paris, 8vo. English transl. by T. Brand, London, 8vo, 1778. German transl. Strasbourg, 8vo, 1778.

1779. MAJAULT, M. Recherches sur quelques préparations chimiques, appliquées à l'usage de la médecine...et obs. en réfutation de ce qu'on a publié sur les propriétés de l'Alkali Volatil fluor, celles du Savon et du Foyer de Soufre. Paris, 8vo, pp. 50.

The author is very severe in his strictures on certain remedies then

recently introduced into practice, especially on ammonia, so warmly recommended by M. Le Sage in apoplexy, asphyxia, &c.; on the use of soap as an antidote in nitric acid poisoning, and on hepar sulphuris as an antidote to arsenic and some other mineral poisons as recommended by M. Toussaint in his work entitled 'Contre-poisons de l'Arsenic,' &c.—*London Medical Journal*, Nov., 1781, vol. 2, p. 315-320.

1780. MARTINET, J. Sur les propriétés de l'Alcali Volatile fluor. Paris, 8vo.

1781. DESGRANGES, J. B. Sur la section de la symphise des os pubis; suivi d'obs. sur l'emploi de l'Alcali Volatile dans le traitement des Maladies Vénériennes. Lyon, 8vo, pp. 59.

1788. TOMSON, T. *De Alcali Volatili. Lugd. Bat. 4to, pp. 71. *Bibl. Banks.*

1793. LA PIRA, G. M. Mem. sulla forza dell' Alcali Volatile per fermar l'emorragia de vasi arteriosi et venosi. Napoli, 8vo.

Dilutum alkali fluor in aqua quadruplo, topice. *Ploucquet, Literat. Med. Digest*, ii, p. 244.

1795. WEVER, F. B. *De Alcali Volatili. Erlangæ, 8vo.

1797. ESCHENBACH, C. G., et HEINROTH, J. C. *Ammoniacæ therapeuticis usibus recte accommodandæ exempla. Lipsiæ, 4to. (Id. in Brera, *Syllog. Opusc. Select*, vol. iii, No. 6). *Bibl. Med.-Chir. Soc.*

1802. PEART, E. On Malignant Scarlet Fever and Sore Throat... with a new mode of treatment. London, 8vo, pp. 64. *Bibl. Lond. Med. Soc.*

1802. PEART, E. On St. Anthony's Fire or Erysipelas...also on Measles, with a new mode of treatment. London, 8vo, pp. 33. *Bibl. Lond. Med. Soc.; Manchest. Med. Soc.*

The new mode of treatment advocated in the two last-named pamphlets is carbonate of ammonia, the full value of which Dr. Peart seems to have been one of the first to recognise. In erysipelas he employed it in solution externally.—*Med. Phys. Journ.* viii, 1802, p. 465,

1805. GADOLIN, J. *Dis. de Ammoniacâ. Respond. A. Winter. Aboæ, 4to. *Bibl. Linn.*

1812. ARMSTRONG, C. Essay on Scrophula, with the effects of Carbonas Ammoniæ as a remedy. London, 8vo. *Bibl. Med.-Chir. Soc.*

1819. GONDRET, L. F. Sur l'emploi du feu, et sur un nouvel épispastique (Pommade Ammoniacale). Paris, 8vo. See "Derivatives," 1837.

1820. GIRARD, —. Des propriétés médicales de l'Alcali Volatil fluor (Ammoniaque liquide) en général, et particulièrement dans l'Ivresse. (Ex *Journ. Gén. de Méd.*, vol. lxxiii, p. 166.) Paris.

1823. NISATO, F. *De Ammoniacæ liquidæ proprietate emmenagogâ. Patavii, 8vo, pp. 14.

1833. STRAHL, M. H. Ueber das Scharlachfieber und...specificum (Ammonium Carbonicum.) Berlin, 8vo, pp. vi, 30.

1842. BODENIUS, A. W. Untersuchungen über das Kohlensäure Ammonium und seine Heilkräfte gegen Scharlachfieber, &c. Heidelberg, 8vo, pp. 170.

This very wordy pamphlet may be divided into two parts, the first of which contains a report on the employment of the carbonate of ammonia in an epidemic of scarlet fever which prevailed in the duchy of Baden in 1837-8...The second, and by far the larger part, contains a clumsily executed *résumé* of different writers on scarlatina, and especially of the fluctuations that the carbonate has undergone in the esteem of the profession.—*Brit. and For. Med. Rev.*, Jan., 1844, p. 224.

1843. RIEKEN, —. Mémoire sur l'emploi du Carbonate d'Ammoniaque dans la Scarlatine. Brussels, 8vo, pp. 118.

Besides an historical notice of carbonate of ammonia in scarlet fever there is an accurate account of the disease, of the cases and periods in which this salt is to be had recourse to, of the ends it fulfils, and of its therapeutic *modus operandi*...The author appears to exaggerate the virtues of the remedy.—*Brit. and For. Med. Rev.*, Oct., 1843, p. 512.

1843. BLANCHET, R. Influence de l'Ammoniaque et des sels ammoniacaux sur la Végétation. Lausanne, 8vo, pp. 36.

1850. DEETZ, W. De usu Ammonii Carbonici in Febribus Puerperalibus. Berlin, 8vo, pp. 44.

1851. PUEL, J. A. E. Étude clinique sur l'emploi de l'Ammoniaque liquide, &c., dans le traitement de l'Epilepsie. Metz, 8vo, pp. 16.

1851. DELIOUX DE SAVIGNAC, J. F. J. A. Études sur les propriétés physiologiques et thérapeutiques des composés Ammoniacaux. (Ex *Archives Gén. de Méd.* vols. xxvi, xxvii.) Paris, 8vo, pp. 80.

1858. RICHARDSON, B. W. The Cause of the Coagulation of the Blood, with Appendix showing the bearings of the subject on practical medicine and pathology. London, 8vo, plates. *Bibl. Med.-Chir. Soc.*

This essay contains much valuable and original matter relating to the action of ammonical salts on the blood.

1861. COMBESCURE, C. *Recherches expérimentales pour répondre à cette question: Peut-on expliquer les effets thérapeutiques des Ammoniacaux par leur action fluidifiante. Montpellier, 8vo, pp. 151.

1862. WITT, C. An effectual and simple remedy for Scarlet Fever and Measles; with an Appendix of cases. Third ed. London, 8vo, pp. 31. Fourth ed. ibid., 1865, pp. 32.

The safe and effectual remedy here advocated is carbonate of ammonia in doses of grs. iij to grs. v every four or three hours or oftener, according to the severity of the case, commencing from the first appearance of the attack. The testimony in favour of this treatment is strong.

1862. GRAHAM, T. J. On the treatment of Scarlet Fever and Measles with Sesquicarbonate of Ammonia. London, 8vo, pp. 14.

1862. LOHRER, J. *Ueber den Uebergang der Ammoniaksalze in den Harn. Dorpat, 8vo, pp. 37.

1866. MAC-AULIFFE, J. M. *De l'emploi de l'Ammoniaque à hautes doses dans le traitement du Tétanos. Paris, 4to.

1869. HALFORD, G. B. On the injection of Ammonia into the circulation. Loc. ? 8vo. *Bibl. Med.-Chir. Soc.*

1869. HALFORD, G. B. The new treatment of Snake-bites, with plain directions for injecting [Liquor Ammoniæ]. Melbourne, 8vo, pp. 16. *Bibl. Pharm. Soc. Lond.*

Interesting as illustrating the safety and advantage with which ammonia may be injected into the veins under certain circumstances. The author adduces several facts in favour of his treatment of snake-bites, but, like all remedies of this class, they are open to many fallacies and objections.

1873. GARNERI, V. L'Ammoniaca e le sui applicazioni. (A prize essay.) Turin, 8vo, pp. 46.

1873. GENEUIL, M. A. *Étude sur l'empoisonnement par l'Ammoniaque. Paris, 4to.

1874. FEUVRIER, J. B. Deux cas de Morsure de Serpents venimeux. Injection intra-veineuse d'Ammoniaque dans un cas. Paris, 8vo, pp. 16.

AMMONIÆ ACETAS.

Acetate of Ammonia.

1850. ALBITES, G. Istorica relazione di constanti e decisive guarigioni con immediato sollievo dell' infermo per l'applicazione non mai più fin qui praticata dell' Acetato d'Ammoniaca nelle ferite d'armi da fuoco. (Ex *Giornale Arcadico*, cxxi.) Roma, 8vo.

AMMONIÆ VALERIANAS.

Valerianate of Ammonia.

1856. DÉGLAT, —. De la guérison des Névralgies par la Valérianate d'Ammoniaque. (Ex *Bull. Gén. de Thérap.*) Batignolles, 8vo.

See also "Valerian."

AMMONII BROMIDUM.

Bromide of Ammonium.

1863. GIBB, G. D. On the physiological effects of the Bromide of Ammonium. London, 8vo.

1869. AMORY, R. Experiments upon the physiological action of Bromide of Potassium and Ammonium as determined on man and the lower animals. Boston, U.S., 8vo, pp. 50.

See also "Potassii Bromidum."

AMMONII CHLORIDUM. CHLORIDE OF AMMONIUM.

Hydrochlorate of Ammonia. Sal Ammoniac.

1695. WEDEL, G. W. De Sale Ammoniaco. Resp. E. H. Wedel. Jenæ, 4to, pp. 32. *Bibl. Banks.*

1716. MUYS, W. G. *De Salis Ammoniaci præclaro ad Febres Intermittentes usu. Lugd. Bat. 8vo; Lipsiæ, 1793, 8vo. Idem in *Schlegel Thes. Mat. Med.*, vol. i, p. 123.
Med.-Chir. Soc.; Bibl. Coll. Phys Edin. (Schlegel).

A goodly memoir of sixty-eight pages, containing the histories of thirty-nine cases of various types of intermittents treated with Sal Ammoniac in doses of ʒj—ʒij (for adults), administered immediately preceding a paroxysm. The results are given in a tabular form at the end of the dissertation, which bears evidence throughout of having been written with much care. Considering the period at which it was prepared, it is a model inquiry, which many of the present day would do well to follow.

1720. MELTZER, C. D. *De Salis Ammoniaci natura ac usu in medicina. Regiomonti, 4to, pp. 16. *Bibl. Banks.*

1726. FELD, W. J. *De Sale Ammoniaco ejusdemque usu medico, chymico ac curioso. Præs. M. G. Loescher.
Vitenbergæ, 4to, pp. 36. *Bibl. Banks; Med. Soc. Lond.*

1729. HACKE, J. G. *De Sale Ammoniaco. Erfordii, 4to.
Bibl. Med. Soc. Lond.

1788. SCHMID, G. H. R. Diss. medica de Sale Ammoniaco.
Göttingæ, 8vo, pp. 70. *Bibl. Banks.*

1791. STAHL, A. J. *De Sale Ammoniaco. Præs. C. Wollin.
Lundæ, 4to, pp. 26.

1796. BERENDS, —. De Salis Ammoniaci usu emmenagogo.
(Quoted by Ploucquet.) Francof. 4to.

1826. ARNOLD, J. W. *De Salis Ammoniaci vi et usu.
Heidelbergæ, 8vo. *Bibl. Coll. Surg. Lond.*

1834. PERER, P. *Des beaux effets de l'Ammoniaque dans l'Hydropisie ascite. Montpellier, 4to.

1835. RÖSCH, C. H. Die Arzneikräfte des Salmiaks. Tubingæ, 8vo.

1851. OYE, R. VAN. De l'usage du Sel Ammoniac dans quelques maladies des voies urinaires. Roulers, 8vo.

1855. LINDSAY, A. Notes on the physiological and therapeutical effects of the Chloride of Ammonium. (Ex. in *Glasgow Med. Journal*, Oct. 1855, p. 303, 309.)

A good practical paper.

1857. GIESELER, R. Die therapeutische Anwendung der Dämpfe des Chlor-ammonium. Bremerhaven, 8vo, pp. 29.

1859. BARRALLIER, A. M. Du traitement des Céphalalgies Nerveuses par l'emploi du Chlorhydrate d'Ammoniaque. (Ex *Bull. de Thérap.* lvi.) Paris, 8vo, pp. 10.

1870. STEWART, W. Chloride of Ammonium, a specific therapeutic agent in the treatment of Hepatitis and Abscess of the Liver. (Reprint from *Madras Journ. of Med. Science.*)
Rangoon, 8vo, pp. 28. *Bibl. Med.-Chir. Soc.*

The facts brought forward in this pamphlet are interesting and suggestive in the way of indicating the advantages that occasionally result from the employment of the chloride of ammonium; but the evidence is insufficient for the purpose of proving what the author claims for it, viz. that it exerts a

specific action in preventing or curing abscess of the liver.—*Lancet*, May 18, 1872, p. 685. Further evidence in favor of his views is adduced by Dr. Stewart in *Madras Med. Journ.*, Feb., March, and Dec., 1872.

1873. LIBERMANN, —. Des inhalations de Chlorhydrate d'Ammoniaque dans les affections chroniques des voies respiratoires. Paris, 8vo, pp. 11.

This paper contains the results of five years' experience of the treatment of chronic affections of the air-passages by the hydrochlorate of ammonia used in the form of inhalation by the aid of an apparatus devised by Loëwin. For abstract of the author's observations see *Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 518-20.

AMMONII IODIDUM.

Iodide of Ammonium.

1874. CARAT, P. *Usage de l'Iodure d'Ammonium dans la Syphilis. Paris, 4to. Ibid. 8vo, pp. 24.

1875. DRUHEN, V. *De l'Iodure d'Ammonium, son emploi en thérapeutique dans la Syphilis et la Scrofule. Paris, 4to. Ibid. 8vo, pp. 34.

AMMONIACUM (GUM).

1767. NICOLAI, E. A. *De Gummi Ammoniaci virtute. Jenæ, 4to.

1828. THUNBERG, C. P. *De Gummi Ammoniaco. Resp. E. Swartz. Upsaliæ, 4to. pp. 8.

1837. JAEKNEL, J. F. De Gummi Ammoniaco. Leipsiæ, 8vo, pp. 35.

1861. PRZECISZEWSKI, F. *Pharmakol. Untersuchungen über Ammoniacum, Sagapenum und Opoponax. Dorpati, 8vo, pp. 39.

1868. DELIOUX DE SAVIGNAC. Mémoire sur la Gomme Ammoniaque, sur son histoire naturelle, ses propriétés thérapeutiques et son meilleur mode d'administration. Paris, 8vo, pp. 16.

AMYGDALUS COMMUNIS, Var. DULCIS et AMARA, DC.

Sweet and Bitter Almonds.

1586. SQUARCIALUPUS, M. De Amygdalarum Amararum in Ebrietatem vi, contra Plutarchum opinio. Plesclavii, 8vo.

1703. ZWINGER, T. *Diss. botanico-medica Amygdalarum fructus analysin exhibens. Resp. J. U. Hegner. Idem in Zwinger, Diss. 112-116. Basil, 4to. *Bibl. Banks.*

1733. JUCH, H. P. *De genuino Amygdalarum usu medico. Erfordiæ, 4to.

1741. (Anon.) Experiments on Almond Water and Black Cherry Water. London, 8vo. *Bibl. Med. Soc. Lond.*

1776. DARIES, P. J. A. *De Amygdalis et Oleo Amararum Æthereo. Lipsiæ, 4to. *Bibl. Med.-Chir. Soc.*

1830. BOULTON-CHARLARD, A. F., et ROBIQUET, P. Expériences sur les Amandes amères et sur l'huile volatile qu' elles fournissent. (Ex *Mém. Acad. Royal. des Sci.*, May, 1830.) Paris, 8vo, pp. 48.

1834. JORDAN, G. G. De Amygdalo communi, *var.* Amaro. Göttingen, 8vo, pp. 60.

1838. BLEISCH, E. De Amygdalinio. Vratislaviæ, 8vo, pp. 28.

1852. WICKE, W. *Ueber das Amygdalin und seine Verwandlungsprodukte. Göttingen, 8vo, pp. 29.

1862. ALDIR Y FERNANDEZ et JOSÉ UBEDA. Memorias sobre la obtencion de la Amigdalina. Madrid, 4to, pp. 24.

AMYL, NITRITE OF.

1865. RICHARDSON, B. W. On the physiological action of the Nitrite of Amyl. (Ex *Report of British Association for the Advancement of Science* for 1864.) 8vo, pp. 10.

The facts described in this report are as new as they are interesting.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1866, p. 450.

1871. BRUNTON, T. L. On the action of Nitrite of Amyl on the Circulation. (Ex *Journ. of Anatomy and Physiology*, vol. v.)

The very interesting researches of Dr. Brunton afford the most complete demonstration of the fact that the nitrite produces its characteristic effects directly upon the walls of small arteries. It leaves open the question whether the muscular tissue or the nerve ends are the parts of the vascular wall directly affected.—*Practitioner*, Feb., 1871, p. 104.

1871. WOOD, H. C. Experimental researches on the physiological action of Nitrite of Amyl. Memoir to which was awarded the Warren Prize for 1871 of Massachusetts General Hospital. (In *Amer. Journ. Med. Sci.*, July, 1871, p. 39-65.)

An important and interesting communication.

1873. KITCHIN, D. H. Nitrite of Amyl in the treatment of Spasmodic Asthma and Acute Bronchitis. (Reprint from *Amer. Journ. of Med. Sci.*, Oct., 1873.)

1874. PICK, R. Ueber das Amylnitrit und seine therapeutische Anwendung. Berlin, 8vo, pp. 74.

An important monograph. It commences with a description of the chemical characters and relations of the amyl nitrite. The second or clinical chapter is exceedingly interesting, containing a careful collection of all the best, English as well as German writings, on the therapeutic employment of this agent.—*Practitioner*, Feb., 1874, p. 118.

1874. VEYRIERES, F. *Recherches sur le Nitrite d'Amyle; action physiologique, effets thérapeutiques. Paris, 4to.

1875. MCBRIDE, J. H. Experimental and clinical observations on the use of Nitrite of Amyl in Epilepsy. Chicago, U.S. Pamphlet.

1875. MARSAT, A. *Des usages thérapeutiques du Nitrite d'Amyle. Paris, 4to.

AMYLENE.

1857. VAYRON, T. J. *De l'Amyléne et de ses propriétés anesthétiques. Paris, 4to, pp. 27.

The author treats successively of (1) the chemical history of amylene, (2) its properties, (3) its preparation, (4) its essential characters, and (5) its anæsthetic properties, concluding with remarks on certain symptoms induced by it, its harmlessness (innocuité), its effects when injected into the veins, &c.

1857. TOURDES, M. G. *Vide* "Anæsthetics," 1857.

1857. CHAIROU, E. *Vide* "Anæsthetics," 1857.

1858. SNOW, J. *Vide* "Anæsthetics," 1858.

1861. LALLEMAND, PERRIN, et DUROY, MM. *Vide* "Anæsthetics," 1858.

ANACARDIUM OCCIDENTALE, Linn.

Cashew-nut Tree.

1831. Do MATTOS, J. A. V. *Sur l'usage du fruit de l'Anacardium occidentale. Paris, 4to.

1853. KOERNER, C. J. *De seminibus Anacardii occidentalis et orientalis. Lipsiæ, 8vo, pp. 22.

ANAGALLIS ARVENSIS, Linn.

Scarlet Pimpernel.

1758. BRUCH, C. L. *De Anagallide. Argentorati, 4to, pp. 49. *Bibl. Linn. Soc., Banks.*

Chemica analysis nihil valde promittit...De origine laudis adversus morsum canis rabidi, in Hanoviensi comitatu celebratæ. Grana foliorum dantur 60, 80, et curatorum hominum exempla adducuntur.—*Haller, Bibl. Bot.*, ii, p. 478.

1760. SCHRADER, G. N. *De Anagallide. Halæ, 4to, pp. 28. *Bibl. Banks.*

1761. HOLM vel HOLMSKJOLD, T. Afhandling om Anagallis og dens Kraft mod vandskraëk. Kiöbenhavn, 8vo, pp. 30, tab. col. i. *Bibl. Banks.*

1790. LEMKE, J. *De Anagallidis viribus imprimis contra Hydrophobiam. Rostochii, 4to, pp. 50. *Bibl. Banks.*

ANDIRA (GEOFFROYA) INERMIS, Kunth, et A. SURINAMENSIS, D C.

Cabbage Bark Tree, etc.

1788. BONDT, N. De Cortice Geoffreæ Surinamensis. Lugd. Bat. 8vo, pp. 106 cum tab. i. Idem in *Schlegel Thes. Mat. Med.*, vol. iii, art. 31, p. 79. Dutch transl. by H. A. Bake, Leyden, 8vo, 1790. *Bibl. Banks; Med.-Chir. Soc.* (Schlegel).

An excellent memoir. Treats in successive chapters of (1) the botany (2) the chemistry and physical characters, and (3) the medical properties of this

bark. On each point considerable labour has evidently been bestowed, and the last section contains communications from several physicians of the day setting forth its medical powers, especially as an anthelmintic.

1788. KLINGSÖHR, J. G. W. *De Geoffræa inermi, ejusque cortice, medicamento anthelmintico. Erlangæ, 4to, pp. 30. Idem in *Schlegel Thes. Mat. Med.*, vol. iii, art. 32, p. 155.
Bibl. Banks; Med.-Chir. Soc. (Schlegel.)

A short sketch of the history, botany, chemistry, and medical properties of this bark, followed by the details of eight cases illustrative of its powers as an anthelmintic.

1791. EGGERT, J. D. *Geoffrææ Surinamensis virtus anthelmintica. Marburgi, 8vo, pp. 59. *Bibl. Acad. Edin.*

1792. SCHWARTZE, A. J. *Obs. de virtute Corticis Geoffrææ Surinamensis contra Tæniam. Gottingæ, 4to, pp. 16. *Bibl. Banks.*

1800. CHAMBERLAINE, W. *Vide* "Anthelmintics," 1800.

1824. HÜTTENSCHMID, G. F. Analysis chemica corticis Geoffroyæ Jamaicensis nec non G. Surinamensis.
Heidelbergæ, 8vo, pp. 35.

ANEMONE PRATENSIS, Linn. Pulsatilla Nigra.

1770. STÖRCK, A. Libellus de usu medico Pulsatillæ nigricantis. Vindobonæ, 8vo, pp. 61, tab. i. *Bibl. Med.-Chir. Soc.; Lin. Soc.*

Aqua stillatitia acerrima; ex reliqua planta extractum magnarum virium; cujus in diem propinavit omnino grana xxi nam aquam reperit, vomitum movere. Id extractum non quidem in omnibus ægris, sæpe tamen profuit, ad ulcera vetusta, ægre alioquin sanabilia, oculorum inflammationem, amaurosin, induratos testes.—*Haller, Bibl. Bot.*, ii, p. 493.

1777. ZIMMERMANN, J. J. Observationes circa Mercurii, Extracti Cicutæ, et Pulsatillæ virtutes. Argentorati, 4to.

1777. SPALOWSKI, J. De Pulsatilla. *Vide* "Conium," 1777.

1853. HUREAU, —. Emploi de la Pulsatille noirâtre, Anémone des prés dans un cas de dystocie par position vicieuse du fœtus.
Paris, 8vo, pp. 16.

ANETHUM GRAVEOLENS, Linn.

Common Dill.

1734. KARCHER, J. B. *De Anetho. Argentorati, 4to, pp. 22. *Bibl. Banks.*

ANETHUM FŒNICULUM. Vide FŒNICULUM VULGARUM.

ANGELICA ARCHANGELICA, Linn.

Garden Angelica.

1578. BRASBRIDGE, T. The Poore Man's Jewell, that is to say, a Treatise of the Pestilence; vnto which is annexed a Declaration of the Vertues of the Hearbes Carduus Benedictus and Angelica. London, 8vo. Ed. alt. 1580, 1591.

1842. BUCKNER, —. Chemische Untersuchung der Angelikawurzel. Nürnberg, 4to.

ANGUSTURÆ vel CUSPARIÆ CORTEX.

1789. EWER, J., et WILLIAMS, A. Account of the medicinal properties of a bark (Angustura) lately procured from South America. (Ex. in *London Med. Journ.*, vol. x, P. ii, p. 154-157, 158-161.)

A French translation of these two papers (which contain the first notice of Angustura bark) together with additional evidence of its properties and uses, drawn from the experience of the physicians to the hospitals at Lyons, Marseilles, &c., was published in the form of a monograph in Paris and Lyons, 1806, 8vo.

1790. MEYER, F. A. A. *Diss. medico-therapeutica de Cortice Angusturæ. Gottingæ, 8vo, pp. 53. *Bibl. Med. Soc. Lond.*

Gives a botanical description of Magnolia glauca, *Linn.*, on the supposition that it was the source of Angustura bark, an error which seems to have originated with Dr. Heyer in a paper on this subject in the 'Brunswick Mag.,' 1790, part v.—*Medical Facts*, 1791, p. 215.

1791. FILTER, F. E. *De Cortice Angusturæ ejusque usu medico. Jenæ, 4to, pp. 27. *Bibl. Banks.*

Also notices Magnolia glauca as the reputed source of Angustura. The writer relates some instances of its efficacy in intermittents, and recommends it as a tonic and antiseptic.—*Ibid.*, p. 215.

1791. BRANDE, A. E. Experiments and Observations on the Angustura Bark. Second ed. London, 1783, 8vo, pp. 133. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

The author disproves Angustura bark being that of Magnolia glauca. Its true botanical origin was only ascertained in 1802 by Willdenow from the examination of specimens collected by Humboldt and Bonpland.

1793. AMELUNG, C. C. G. Erfahrungen chem-med-chirurg. über die Angustura-Rinde, &c. Leipzig, 8vo, pp. 111.

1793. THUNBERG, C. P. *De Cortice Angusturæ. Resp. C. F. Blumenberg. Upsaliæ, 4to, pp. 7. *Bibl. Lin. Soc.; Banks.*

1793. MEYER, F. A. A. Beiträge zur Geschichte der Angustura-Rinde. Gottingæ, 8vo. *Bibl. Roy.*

1804. BORNITZ, F. A. De Corticis Angusturæ principiis usuque medico. Traject. ad Viad. 8vo, pp. 25.

1806. VALENTIN, —. Notice historique sur l'Angusture. Lyon, 8vo.

1810. HAUK, G. G. P. *Corticis Angusturæ character botanicus Præs. P. E. Hartmann. Francof. ad Viad. 4to, pp. 15.

1825. SEGENSTEDT, —. *De Galipæa Cusparia. Præs. C. P. Thunberg. Upsal. 4to.

1841. AUTENRIETH, H. F. *Ueber die ächte Angustura-Rinde. Stuttgart, 8vo, pp. 16.

1844. BERG, J. De Angusturæ Cortice spurio, &c. Vratislaviæ, 8vo, pp. 29.

ANILINE.

1864. SONNENKALB, —. Anilin und Anilinfarben in toxicologischer und medicinal-polizeilicher Beziehung. Leipzig, 8vo. pp. 63.

1875. STOFF, O. Wirkung des Anilins aus dem thierischen Organismus. Bern, 8vo.

ANISUM. ANISEED.

Fruit of Pimpinella Anisum, Linn.

1704. HENNINGER, J. S. *De Aniso. Resp. J. Boecler. Argentorati, 4to, pp. 57. *Bibl. Banks.*

ANISUM STELLATUM. STAR ANISEED.

Fruit of Illicium Anisatum, Linn.

1695. BELLI, B. Beschreibung des Thee...und des Chinesischen Anisum stellatum. Lipsiæ, 4to.

1763. GMELIN, S. T. De analepticis quibusdam nobilioribus a Cinnamomo, Aniso stellato, &c. Tubingæ, 4to. *Bibl. Med. Soc. Lond.; Radcliffe.*

ANTHEMIDIS FLORES. CHAMOMILE FLOWERS.

Flowers of Anthemis nobilis, Linn.

1700. SCHEFER, J. D. *De Chamomilla. Argentorati, 4to, pp. 30. *Bibl. Banks.*

1739. SCHULZE, J. H. *De Chamaëmelo. Resp. S. Herzog. Halæ, 4to, pp. 34. *Bibl. Banks.*

1757. FAVRAT, L. Theses inaugurales ex Materia Medica et Chymica. Basileæ, 4to.

Chamæmelum ad febres laudat, quas cortex Peruvianus non sanaverit.—*Haller, Bibl. Bot.*, ii, p. 465.

1775. CARL, J. D. *De viribus Chamomillæ. Gottingæ, 4to, pp. 42. Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. xx, p. 221.

Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

A large collection of facts and opinions with regard to the medical properties of chamomile, especially in its character as an antiperiodic and antispasmodic. A strong case is certainly made out in favour of its efficacy in intermittent fevers.

1783. GROOTE, G. C. Diss. qua virtutem Chamæmeli antipyreticam nuperis experimentis illustrat. Traject. ad Viad. 4to.

1795. DAVIDSON, W. On Flores Chamæmeli. *Vide* "Rosa," 1795.

1807. WAUTERS, P. A. Sur les fleurs de Camomille, &c. *Vide* "Digitalis."

1810. ISNARDI, P. *De Chamæmelo. August. Taurin. 4to.

1810. BODARD, P. H. H. Propriétés médicales de la Camomille noble, employée comme fébrifuge. Paris, 8vo, pp. 28.

ANTHRAKOKALI.

1837. PÓLYA, J. Observationes de Herpete, ejusque complicationibus et remedio novo Anthrakokali. Pestini, 8vo. German transl. by K. L. Sigmund, Pestini, 8vo, 1837.

1840. JACOBOVICS, M. Note sur l'Anthrakokali du Dr. Pólya et sur son emploi dans les Affections Herpétiques. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1842. DULK, G. H. De vi et usu Anthrakokali. Halis, 8vo, pp. 44.

ANTIARIS TOXICARIA, Lesch., and other Species.

Poison tree of Java, Upas, etc.

1750. RUMPHIUS, G. E. Arbor Toxicaria, vulg. Upas, &c., in 'Hortus Amboiniensis,' vol ii, p. 263, t. 87.

Rumphius gives a long description of the tree, with a detailed account of the poison, its action, &c. Most of his information, derived from native sources, is wholly devoid of truth. *Hammond, infrà.*

1788. ÆJMELÆUS, C. *Arbor Toxicaria Macassariensis. Upsaliæ, 4to, pp. 11. Præs. C. P. Thunberg. *Bibl. Linn. Soc.; Banks.*

Review in Duncan's 'Med. Commentaries,' Dec. 11, vol. v, 1790, p. 36-45.

1792. MARTIUS, E. W. Ueber den Macassarischen Giftbaum. Erlangen, 8vo, pp. 43, tab. col. i.

1809. RAFFENEAU-DELILE, A. *Diss. sur les effets d'un poison de Java, appelé Upas Tieuté, &c. Paris, 4to, pp. 48. *Vide* "Strychnos," "Nux Vomica."

Contains experiments by Magendie and others.

1810. LESCHENAULT, —. Mémoire sur le Strychnos Tieuté et l'Antiaris toxicaria. (Ex *Ann. du Museum d'Histoire Naturelle*, xvi, 1810, p. 459.)

This was the first writer who investigated the subject of the upas poison in a truly scientific spirit.—*Hammond.*

1815. EMMERT, — Diss. sistens historiam veneni Upas Antiar, &c. Tübingen, 4to.

1815. SCHNELL, J. *Diss. medico-physiologica sistens historiam veneni Upas Antiar nec non experimenta et ratiocinia quædam de effectibus illius. Præs. F. G. Gmelin. Tubingæ, 4to.

The author states in his preface that he assisted Prof. Emmert in his experiments on the upas poison, and that they were placed by the professor at his disposal to form the *materiel* for his inaugural dissertation. Here we have the details of the experiments; a brief summary of these and of the deductions from them is given in *London Med. Phys. Journ.*, xxxv, 1816, p. 330.

1838-52. HORSFIELD, T. Plantæ Javanicæ Rariores, &c. London, 4to. *Bibl. Linn. Soc.*

This work contains a very elaborate account of the Upas tree by Mr. J. J. Bennett. In 1817 Horsfield instituted a series of experiments on antiaris, recorded in Thompson's 'Annals of Philosophy,' ix, pp. 202, 265; but they added little to our knowledge beyond what had been previously ascertained

by Sir B. Brodie, whose interesting experiments are recorded in 'Philosoph. Trans.,' 1811, p. 198.

1868. VRY, J. E. et LUDWIG, E. Chemische Untersuchungen des Milchsaftes der Antiaris toxicaria. Vienna, 8vo, pp. 9.

A paper by Dr. W. A. Hammond, in 'American Journ. Med. Sci.,' Oct., 1860, p. 363, contains many interesting historical and physiological notices of the upas and other allied poisons.]

ANTIMONIUM.

Antimony and Antimonials generally.

1555. GESNER, CONRAD. Thesaurus de Remediis secretis, Evonymo Philiatro (pseud.) auctore. Lugdini, 18mo. Ed. alt. 1556, 1559, &c. English transl. by G. Baker, 1576, *q. v.*
Bibl. Med.-Chir. Soc.

1564. LAUNAY, LOUIS DE. De la faculté et vertu admirable de l'Antimoine. Rochelle, 4to.

1566. GREVIN, J. Apologie sur les vertus et facultés de l'Antimoine, &c. Paris, 8vo. Antverpiæ, 1571, folio. Redit in ejus 'De Venenis libri duo.' *Bibl. Med.-Chir. Soc.*

1566. LAUNAY, LOUIS DE. Response au discours de Jac. Grevin touchant la faculté de l'Antimoine. Rochelle, 4to.

1566. STENGEL, L. Questiones iii. Prima an Stibium ægrotantibus citra noxam exhiberi queat? August. Vindob. 4to.

1569. STENGEL, L. Apologia adversus Stibii spongiam a Mich. Toxite editam, in qua multa scitu digna de viribus et facultatibus Stibii accurate explicantur. August. Vindob. 4to.

1570. SUCHTEN, A. VON. De Secretis Antimonii. (In German or Dutch?) Latin transl. by G. Forbergius. Basil. 18mo, 1575. English transl. by Dr. C[able] (with transl. of Basil Valentine's 'Currus Triumphalis Antimonii,' 1604, *q. v.*).
London, 12mo, 1670,
Bibl. Coll. Phys. Edin. (ed. 1570); *Med.-Chir. Soc.* (ed. 1575. with Clare's transl.).

1576. BAKER, GEORGE. The newe jewel of Health, wherein is contayned the most excellent secretes of Phisicke and Philosophie, &c.; also on the use and preparation of Antimonie and potable gold. London, 1596, 1599, 4to. *Bibl. Med.-Chir. Soc.*

A translation of the work of Conrad Gesner. *Vide* 1555.

1593. BALCIANELLI, J. Contra l'abuso dell' Antimonio e della Cassia purgante. Veronæ, 4to. Ibid. 1603.

1604. VALENTINE, BASIL. Triumphwagen vel Currus Triumphalis Antimonii, &c. Leipzig, 8vo. There are several Latin and other translations of this work. English transl. by J. H. (John Harding), London, 1660, under the title of 'Triumphant Chariot of Antimony,' 8vo; another English transl. with D. Cable's transl. of Suchten's 'Secrets of Antimony,' 1670. *Vide* "Suchten," 1570.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin. (ed. 1678).

For an account of the contents of this work see a paper by Mr. W. A. Tilden, 'Year Book of Pharmacy,' 1870, part ii, p. 60-64. See also Kerckringius, 1671.

1617. SALA, A. Anatomia Antimonii, id est, dissectio tam dogmatica, quam hermetica Antimonii, usum, proprietates et vires ejus declarans. Lugd. Bat. 8vo. *Bibl. Med. Soc. Lond.*

1618. KERNER, A. Tetras Chymiatrica: proponens præstantiam et in medicina efficaciam Auri, Mercurii, Antimonii et Vitrioli et medicamentorum ex illis paratorum. Ephordiæ, 12mo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1618. POPPIUS THALLINUS, H. Basilica Antimonii, in qua Antimonii natura exponitur et nobilissimæ remediorum formulæ traduntur, &c. Francof. 4to, pp. 50. Redit in 'Hartmann's Praxis Chymiatrica,' Geneva, 1647, 8vo. *Bibl. Med.-Chir. Soc.*

1628. SORI, J. B. L'Antimonio: tratt. delle virtù dell'Antimonio commune, &c. Torino, 4to.

1634. EVANS, JOHN. The Universall Medicine, or Vertues of the Antimonial Cup. London, 12mo. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*

1640. PRIMROSE, J. The Antimonial Cup twice cast, translated by Robert Wittie. London, 12mo.

For an interesting account of the Antimonial Cup (Pocula Emetica, or Calices Vomitorii) see a notice, together with woodcut, of one of these curious vessels, by Prof. Redwood, '*Pharm. Journ.*,' July 1, 1858, p. 14.

1646. FABRE, P. J. In Currum Triumphalem Antimonii Basilii Valentini annotationes. Toulouse, 4to.

1651. DAVISON, W. Observations sur l'Antimoine. Paris, 4to.

1652. GERMAIN, C. Orthodoxe, ou de l'abus de l'Antimoine, &c. Paris, 4to.

1652. GERMAIN, C. Légende des 61 Docteurs qui ont declaré leur sentiment sur l'Antimoine. Paris, 12mo.

1653. RENAUDOT, EUSÈBE. L'Antimoine justifié et l'Antimoine triomphant. Paris, 4to. *Bibl. Roy.*

1654. PERREAU, J. Rabbatjoye de l'Antimoine triomphant, ou "Examen de l'Antimoine justifié" de E. Renaudot. Paris, 4to. *Bibl. Med.-Chir. Soc.*

1654. MERLET, J. Remarques sur le livre de l'Antimoine de M. Eusèbe Renaudot. Paris, 4to. *Bibl. Roy.*

1656. C. C. (CORNEAY CAUPIN). La Stimmiomachie, ou le grand combat des médecins modernes touchant l'usage de l'Antimoine. Poëme historico-comique. Paris, 8vo. *Bibl. Roy.*

1667. F. J. R. Les vertus, &c., de l'Antimoine: l'usage et les propriétés des tasses Antimoniales. Lyon, 8vo.

1670. KERCKRINGIUS, THEODORE. Commentarius in Currum Trium-

phalem Antimonii Basilii Valentini, a se Latinitate donatum. Amsterdam, 12mo, pp. 342. Alt. ed. Amst. 1685, 18mo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond. (ed. 1678, London), *Acad. Edin.* (1685).

For a very interesting analytical review of this curious old work, see *American Journ. Med. Sci.*, July 1841, p. 136-149.

1679. Axtius, J. Tractatus de Arboribus Coniferis, &c., cum Epistola de Antimonio (p. 119-131). Jenæ, 12mo. *Bibl. Banks.*

1682. Hoffmann, F. De Cinnabari Antimonii. Lugd. Bat. 12mo.

Notwithstanding the title of this work, it treats of the cinnabar of mercury, *i.e.* Hydrargyri Sulphuretum, *q. v.*

1682. Lamy, D. F. Dissertation sur l'Antimoine. Paris, 12mo. pp. 183. Ibid. 1687. *Bibl. Banks.*

1683. Lancilotti, C. Farmaceutica Antimoniale overo Trionfo dell Antimonio. Modena, 12mo.

1683. Lancilotti, C. Modo di adoprar la Tazza Purgativa perpetua o calice composito di Regulo d'Antimonio. Bologna, 12mo.

1692. Jacobi, L. F. *De regulo Antimonii stellato. Resp. B. C. Pittstædt. Erfordiæ, 4to, pp. 28. *Bibl. Banks.*

1699. Steinerus, H. De Antimonio, plerisque ejus præparationibus atque virtutibus. Basileæ, 4to. *Bibl. Banks.*

1703. Hartmann, H. E. *De Regulis Antimonii eorumque præparatione et usu. Præs. R. C. Crausius. Jenæ, 4to, pp. 16. *Bibl. Coll. Phys. Edin.; Banks* (*sub nom.* Crausius).

1705. Schefder, J. C. *De Antimonio diaphoretico. Lugd. Bat. 4to. *Bibl. Coll. Phys. Edin.*

1707. Lemery, N. Traité de l'Antimoine avec analyse, &c. Paris, 12mo, pp. 620. *Bibl. Med. Soc. Lond.; Banks.*

1708. Helwig *vel* Hellvigius, C. Specimen pharmacologiæ sacræ de Antimonio, Cicutâ, &c. Gripswaldi, 4to, pp. 34.

1711. Eysel, J. P. *De Antimonio et nonnulis ex hoc preparatis medicamentis. Resp. J. Wilcke. Erfordiæ, 4to. *Bibl. Banks.*

1715. Pietsch, J. V. *De Stibio Veterum, ejusque insigni virtute medicâ. Regiomonti, 4to.

1721. Reiseissen, —. Diss. sistens Antimonii crudi in medicinâ usum. Argentorati, 4to.

1724. Van der Vichte, J. A. *De Antimonio, ejusque præcipuis in medicinâ præparatis. Duisburgi, 4to. *Bibl. Roy.*

1726. Diethelm, J. C. *De selectis ex Antimonio remediis. Basileæ, 4to, pp. 22. *Bibl. Banks.*

1732. Kapfer, J. G. A. De Medicamentis Antimonialibus. Altdorfii, 4to. *Bibl. Med. Soc. Lond.*

1733. Teichmeyer, G. F. *De Antimonio ejusque Regulis, &c. Resp. C. F. Koppe. Jenæ, 4to. *Bibl. Banks.*

1735. GEIGER, D. *De Antimonio. Præs. A. Camerarius. Tubingæ, 4to, pp. 32. *Bibl. Med. Soc. Lond.; Banks.*

1738. MENDER, D. E. P. Analysis Antimonii, physico-chymico rationalis. Dresdæ et Lipsiæ, 8vo.

1742. WEDEL, G. W. *De preparato Antimonii diaphoretico ejusque viribus salutaribus. Jenæ, 4to.

1744. [SHAW, P.] Philosophical and Chymical Analysis of Antimony. London, 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1748. FÜRSTENAU, J. G. De Antimonio crudo, ejusque usu interno salutifero. Rinteln, 4to. *Bibl. Roy.*

1750. JUNCKER, J. De Antimonii crudi usu interno. Hallæ, 4to.

1756. HUXHAM, J. Medical and Chemical Observations on Antimony. London, 8vo. Second. ed. London, 1767. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1756. BILFINGER, C. L. *De Vitro Antimonii Cerato. Præs. P. F. Gmelin. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*

1757. BÜCHNER, A. E. DE. *De viribus Vitri Antimonii Cerati. Resp. J. F. H. Müller. Halæ, 4to. *Bibl. Roy.*

1762. KNIPHOF, J. J. *De Regulo Antimonii medicinali. Erfordii, 4to.

1762. REDMOND, W. The Principles and Constituents of Antimony. London, 8vo. *Bibl. Coll. Surg. Lond.*

Contains some excellent remarks on the action of alkalies on the sulphurets of antimony.—Sullivan *in Dublin Quart. Journ. Med. Sci.*, viii, p. 472.

1765. SAUNDERS, W. *Diss. med. chem. de Antimonio, Edin. 8vo. *Bibl. Acad. Edin.*

1767. BUECHNER, A. E. DE. De Antimonio, variisque tinctoris cum Alcalicis menstruis factis. Halæ, 4to.

1767. JACQUET, —. Histoire abrégée de l'Antimoine et particulièrement de sa préparation, et des cures surprenantes qu'il opère. Paris, 8vo. Ibid. 1786, 1789. *Bibl. Roy.*

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The chief object of the author is to recommend a more general and early exhibition of antimonial medicines in febrile and inflammatory diseases.—*Duncan's Med. Commentaries*, 1775, vol. iii, p. 115.

1780. SCHOËNMETZEL, F. G. De Antimonii et Mercurii in facultate medica Heidelbergensi fatis. Heidelberg, 4to.

1783. HATWIG, C. A. De nonnullis Antimonii præparatis eorumdemque usu medico. Lipsiæ, 4to.

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1785. STENDER, R. H. *De Antimonii crudi et Antimonialium præcipuorum usu medico. Göttingæ, 4to. *Bibl. Roy.*

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1792. THEUNE, F. C. N. *De med. Antimonialium varia indole et virtutibus. Halæ, 4to, pp. 27.

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1833. LANGFORD, J. On the treatment of Asiatic Cholera and Chronic Diarrhœa with Antimony. London, 8vo, pp. 34.

An early antimonial emetic, without the aid of opium or stimulants, proved in the author's hands very successful, resulting in sixty-four recoveries out of ninety-six cases.—*Med.-Chir. Rev.*, Jan., 1834, p. 145-148.

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1861. IMBERT-GOURBEYRE. Mémoire sur les Éruptions Antimoniales. (Ex *Gaz. Méd. de Paris.*) Gand, 8vo, pp. 34.

1867. PAPILLAUD, L. Étude sur les médication Arsenicale et Antimoniale, et sur les Maladies du Cœur. *Vide* "Arsenic," 1867.

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1874. MAYENÇON et BERGERET, MM. Recherches sur le passage de l'Antimoine, &c., dans les tissus et les humeurs. Paris, 8vo, pp. 12.

ANTIMONIUM TARTARATUM.

Tartarised Antimony. Tartar Emetic.

1728. MAYER, C. A. De Tinctura Antimonii Tartarisata. Altorfii, 4to. *Bibl. Med. Soc. Lond.*

1751. BERTHOLLET, C. L. Observations sur la décomposition du Tartrite de Potasse Antimonié, &c., par quelques substances végétales. Paris.

1770. STEELE, P. *De Tartaro Emetico. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1773. LEVEL, J. A. *De Stibio Tartarisato. Præs. T. Bergmann. Upsaliæ, 4to. *Bibl. Med. Soc. Lond.*

1774. WHITE, W. On Emetic Tartar, &c., in Fever. *Vide* "Antimony," 1774.

1777. OSTERMANN, J. C. O. *De Tartaro Emetico. Gottingæ, 4to. *Bibl. Med.-Chir. Soc.*

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1801. RASORI, G. Storia dell Febbre epidemica di Genova degli anni 1799 e 1800. Milan, 8vo, pp. 222. Second ed. ibid. 1806; third ed. ibid. 1813. German transl. Vienna, 8vo, 1803. French transl. by F. P. Fontaneilles, Paris, 8vo, 1822. See also "Bayle," 1828 (*infrà*).

It was in this work that Rasori first announced the new practice of giving tartar emetic in large doses, which subsequently became so much in vogue. For an excellent analytical review of this work see *London Med. Phys. Journ.*, xliii, 1820, p. 68-79 and p. 158-160.

1802. BLANE, —. *Vide* "Emetics," 1802.

1803. ROUMETTE, —. *Sur l'emploi du Tartrate de Potasse Antimonié. Paris, 4to.

1806. ROCH, J. *Sur l'emploi de l'Émétique dans le Rhumatisme chronique. Strasbourg.

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1808. BLUMENAU, G. *De Unguento Tartari Stibiati adversum Tussim Convulsivam. Regiomonti, 4to.

1811. VUILLOT, G. *Sur l'emploi de l'Émétique. Strasbourg, 4to.

1813. MAGENDIE, F. De l'influence de l'Émétique sur l'homme et sur les animaux, avec rapport par MM. Cuvier, Humboldt, Pinel et Percy. Paris, 8vo, pp. 52.

1815. STEVE, J. *De Tartaro Emetico. Vindob. 8vo, pp. 46.

1816. JANIÈRE, L. E. F. *Du Tartrate de Potasse et d'Antimoine considéré comme vomitif. Paris, 4to.

1817. BROQUET, F. De actione Tartaris Potass. Stibii in corpus humanum. Lugd. Bat. 4to. *Bibl. Roy.*

1817. GARON, A. Diss. sur l'Émétique ou Tartrate Antimonié de Potasse, &c. Strasbourg, 4to, pp. 16.

1817. BALFOUR, W. Observations, with cases, illustrative of the sedative and febrifuge powers of Emetic Tartar. Edin. 8vo, pp. 92. Second ed. entitled 'Illustrations of the power of Emetic Tartar in Fever, Inflammation and Asthma, and in preventing Consumption and Apoplexy,' Edin. 1819, 8vo.
Bibl. Coll. Surg. Lond.

The object of this work is to demonstrate the sedative powers of Tartar Emetic given in small non-emetic doses. Of these the author adduces ample testimony, and he points out its great utility in all cases where it is desirable to lessen vital action. (See review in *London Med. Phys. Journ.*, vol. xl, 1818, p. 410.

1818. TOFFOLI, L. Diss. sopra i Tartari Emetici. Bassano, 8vo.

1818. BERGONZI, G. *Vide* "Prunus Lauro-cerasus," 1818.

1820. CHEVALIER, F. J. *Usage et abus de l'Émétique. Paris, 4to.

1820. JEFFREYS, H. Cases in Surgery, the sedative powers of Tartar Emetic in the cure of Local Inflammations when administered internally, &c. London, 8vo, pp. 237, plates 2.
Bibl. Med.-Chir. Soc.

A great number of cases of local inflammation treated by tartar emetic are related in this work, illustrative of the power of the remedy in controlling vascular action.—*Med.-Chir. Rev.*, Dec., 1822, p. 539-40.

1821. RENÉ, —. *Considérations sur l'emploi de l'Émétique dans la Fièvre gastrique, &c. Montpellier, 4to.

1822. JENNER, E. A Letter on the influence of Artificial Eruptions in certain diseases incidental to the human body, &c.
Bibl. Med.-Chir. Soc. London, 4to, pp. 67.

Tartar emetic ointment (1 part to 8 of lard) was the only agent employed by Dr. Jenner in producing his "artificial eruptions," and his observations on its application are interesting and important. Of 18 cases, of which he gives brief history, 9 are examples of mental affections, 4 pulmonary, 2 stomachic, 6 hepatic, 1 cutaneous, and 1 of chorea. Counter-irritation by tartar emetic in all these cases was used with evidently good effects.—*Edin. Med. Surg. Journ.*, xviii, Oct., 1822, p. 593-601.

1822. L'ESPINASSE, A. C. DE. *De Tartari Emetici usu externo in Tumoribus albis. Traject. ad Rhen. 8vo, pp. 56.

1823. HANNAY, A. J. *De Tartratis Antimonii usu externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1824. VYAU DELAGARDE, L. *Du Tartrate de Potasse Antimonié considéré comme moyen curatif. Paris, 4to.

1824. BARRÉ, P. A. *De l'action de l'Émétique sur l'économie animale et particulièrement de l'absorption de cette substance saline. Paris, 4to.

1824. BURGHARDT, C. *De Tartari Emetici in Pectoris Inflammationibus usu. Berol. 8vo, pp. 32. *Bibl. Roy.*

1827. DELOURMEL DE PICARDIÈRE, L. *Sur l'emploi du Tartre Stibié dans le Rhumatisme Articulaire. Paris, 4to, pp. 40.

1827. SERRAILLIER, C. *Sur l'action du Tartre Émétique et sur son emploi en médecine. Montpellier, 4to.

1828. BAYLE, A. L. J. Sur l'Émétique à haute dose. (Ex *Bibl. de Thérap.* i, p. 198-312). Paris, 8vo.

A valuable *résumé* of all that had been previously written on the subject; it contains a French translation from the Italian by F. J. Fontaneilles of Rasori's memoir on the use of tartar emetic in large doses in the treatment of pneumonia, communicated to the Society of Medicine of Paris in 1808, and other important matters.

1828. GRILLOT, T. *Des dangers qui peuvent suivre l'emploi du Tartre Stibié à haute dose dans le traitement de la Pneumonie. Paris, 4to.

1828. LEVRAT-PERROTTON, J. F. Sur l'emploi du Tartrate Antimonié de Potasse dans les Phlegmasies des organes de la respiration. Lyon, 8vo, pp. 62.

1828. BRESSLER, H. *Antimonii ejusque præparatorum officinalium historia. Berol. 8vo, pp. 35.

1829. CHAUVIN, E. *Sur l'emploi du Tartre Stibié. Paris, 4to.

1830. TEALLIER, P. J. S. Mém. sur l'emploi du Tartre Stibié à haute dose dans la Pneumonie et en quelques autres maladies. Paris, 8vo.

1831. DANVIN, B. Sur l'emploi du Tartre Stibié à hautes doses dans les Péripneumonies. Paris, 8vo, pp. 187.

1832. EHRENBERG, J. W. F. VON. *De adultorum Hydrope Ventriculorum Cerebri largioribus Tartari Stibiati dosibus felicissime sanato. Berol. 8vo, pp. 32.

1832. SCHUELER, C. H. F. W. *De Tartaro Stibiato. Berol. 8vo, pp. 95.

1832. TEALLIER, P. J. S. Du Tartre Stibié, et de son emploi dans les maladies. Paris, 8vo, pp. 420. *Bibl. Coll. Surg. Lond.*

1833. HILLER, J. De Tartari Stibiati in organismum humanum efficacia. Berol. 8vo. *Bibl. Coll. Surg. Lond.*

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1834. JAKUBOWSKI, J. De Cholera Indica, &c., necnon de Tartari Emetici in Hydrope post Scarlatinam usu. Cracoviæ, 8vo, pp. 26.

1834. FRANC, J. De l'emploi du Tartre Stibié à hautes doses contre les Lésions traumatiques. A prize essay. (*Gazette du Midi*, 1834, p. 219). Montpellier, 8vo, pp. 58.

1834. GALDIN, A. *Sur l'action du Tartre Stibié à haute dose. Montpellier, 4to.

1834. PONTIER, S. *De l'Émétique, de son mode d'action sur l'homme et sur les animaux; et sur son emploi dans les maladies. Paris, 4to.

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1835. LEPELLETIER DE LA SARTHE, A. De l'emploi du Tartre Stibié dans le traitement des maladies en général et dans celui de la Pneumonie et du Rhumatisme en particulier. Paris, 8vo, pp. 224. *Bibl. Coll. Surg. Lond.*

This work is dedicated exclusively to the investigation of the properties of tartar emetic. The method and style in which M. Lepelletier manages his subject is not unworthy of its importance, his work being learned, copious, and elaborate. In fact, he errs by excess rather than deficiency.—*Brit. For. Med.-Chir. Rev.*, 1836, p. 415, where a full *résumé* of the subject will be found.

1835. LOUIS, P. C. A. Recherches sur les effets de la Saignée...et sur l'action de l'Émétique et des Vésicatoires dans la Pneumonie. Paris, 8vo, pp. 120. *Bibl. Coll. Surg. Lond.; Med.-Chir. Soc.*

For a full analysis of this philosophical work, which is one of the first in which the numerical method was applied in testing the results of treatment of disease, see *Brit. For. Med. Rev.*, April, 1836, p. 397.

1836. PUTNAM, C. G. Translation of M. Louis's work, with Preface and Appendix by Dr. James Jackson. Boston, U.S., 8vo, pp. 171.

The translation is faithfully and well executed. The appendix is principally dedicated to a comparison between the results of M. Louis's experiments on the effect of bloodletting and those obtained by Dr. Jackson in the Massachusetts General Hospital.—*Brit. For. Med. Rev.*, April, 1837, p. 456.

1841. MAZET, R. *Action de l'Émétique dans le traitement de la Pneumonie. Paris, 4to.

1842. BROUSSAIS, C. Lettre sur l'emploi du Tartre Stibié à haute dose, dans les Fièvres pernicieuses et l'affection Typhoïde. Paris, 8vo, pp. 32.

1842. SMEE, A. On the treatment of Syphilis by Tartarized Antimony. London, 8vo, pp. 7.

1845 (circa). ANCELON, E. A. Sur l'administration du Tartre Stibié à haute dose dans les Pneumonies aiguës. Dieuze, 8vo. *Bibl. Med.-Chir. Soc.*

1845. CHAMBERT, —. Mémoire sur la Bronchite profonde capillaire, et son traitement par l'Émétique à doses réfractées. Paris, 8vo, pp. 27.

1848. BONAMY, — Études sur les effets physiologiques et thérapeutiques du Tartre Stibié. Paris, 8o

1851. BONNEWYN, H. Mémoire sur le Tartrate Ammonico-potassique, Tartrate de Potasse et d'Antimoine, ou Émétique. Anvers, 8vo.

1856. GINTRAC, H. Études sur les effets thérapeutiques du Tartre Stibié à haute dose. Bordeaux, 8vo.
Bibl. Med.-Chir. Soc. (ed. 1851).

1859. MARCHIORI, G. Del Tartaro Stibico. Pavia, 8vo, pp. 15.

For an able article on the action of tartar emetic, containing the observations and experiments of Drs. Böcker, Beigel, Ackermann, and others, see *Brit. and For. Med.-Chir. Rev.*, April, 1859, p. 344.

1861. IMBERT-GOURBEYRE, A. Mémoire sur les Éruptions Antimoniales. (Ex *Gaz. Méd. de Paris.*) Paris, 8vo, pp. 34.

1865. FELIZET, G. De l'action toxique du Tartre Stibié (procès du Docteur Pritchard). (Ex *Archives Gén. de Méd.*, Sept., 1865.)
Paris, 8vo, pp. 11.

1866. MARIE, E. *Du traitement du Rhumatisme articulaire aigu par le Tartre Stibié à hautes doses. Paris, 4to.

1867. BERTHOLLE, —. Traitement médical du Croup par l'Émétique à haute dose combiné à l'action topique de l'Alum sur le pharynx.
Paris, 8vo, p. 11.

1868. COGAIGN, C. *De l'Ophthalmie Blennorhagique, son traitement par le Tartre Stibié à haute dose. Paris, 4to.

1869. MADELUNG, O. W. *Uber die Anwendung der Einreibung des Unguentum Stibio-kali tartarici in die Scheitel-gegend in bestimmten Psychosen. Bonn, 8vo.

This treatise suggests matters of real practical importance to those who are concerned in the treatment of insanity. No doubt the practice of tartar-emetic inunction, carried out in the manner indicated in this essay, is at first sight a measure of great severity, and such as English alienist physicians are accustomed instinctively to dislike. But it must be said that the facts contained in this pamphlet seem to speak for themselves with considerable weight.—*Practitioner.*

1871. SCHRÖTTER, L. Über die Wirkung d. Tartarus Emeticus und d. Chininum bisulfuricum auf die Temperaturverhältnisse bei der croupösen Pneumonie.
Vienna, 8vo, pp. 35, lithogr. plates 5 in folio.

1872. GREUELL, A. M. C. *Des Kystes Sébacés et leur traitement par les injections de Tartre Stibié. Paris, 4to.

1872. SARRAZET, F. *Traitement du Croup par l'Émétique à haute dose. Paris, 8vo.

ANTIMONII OXIDUM.

Oxide of Antimony.

1834. GRANDJEAN, N. *Sur l'emploi de l'Oxyde blanc d'Antimoine dans le traitement de la Pneumonie aiguë et du Rhumatisme aigu. Strasborg, 4to.

1838. FIGUIER, P. O. Monographie chim. et pharm. des corps qui peuvent être désignés sous les noms d'Oxyde blanc d'Antimoine.
Montpellier, 8vo, pp. 60.

1872. DIDIER, P. M. *Du traitement du Rhumatisme Articulaire aigu par l'Oxyde blanc d'Antimoine. Paris, 4to.

PULVIS JACOBI. JAMES'S POWDER.

1754. [JAMES, R.] James's Fever Powder. Affidavits of Walter Baker to vacate the patent of Dr. Robert James for Schwanberg's Powder, &c. London, 8vo. Also "A Vindication of the Fever Powder," appended to his 'Diss. on Fevers,' &c. London, 1778, and reprint, 1849. London, 8vo.

1760. FLEMYNG, M. Dissertation on James's Fever Powder. London, 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1774. HAWES, W. Account of Dr. Goldsmith's illness so far as relates to the exhibition of Dr. James's Powders. London, 4to. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.* (1780).

1774. WHITE, W. Observations on the use of Dr. James's Fever Powder and other Antimonial preparations, &c. London, 8vo.

1786. [A Physician.] Useful observations from long experience on the virtues and efficacy of James's Powder, &c. London, 8vo.

1790. [Anon.] Thoughts on the nature and use of Dr. James's Powder in the prevention and cure of diseases. London, 8vo.

ANTIMONII PENTASULPHURETUM.

Golden Sulphuret of Antimony. Sulphur Antimonii Auratum.

1699. SCHOCKWITZ, J. Diss. chym.-med. de mirabili Sulphuris Antimoniati Fixati efficacia in medicina. Præs. F. Hoffmann. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.*

1737. REGENHERZ, A. B. *De Sulphuris Antimonii Aurati usu medico, &c. Halæ Mag. 4to. *Bibl. Coll. Surg. Lond.*

1757. BRENDEL, J. G. *De Sulphure Aurato Antimonii non vomitorio. Göttingæ, 4to.

1759. FABRICIUS, P. C. De Sulphuris Antimonii Aurati eximio usu in Arthritide, nonnullis casibus illustrato. Helmstadii, 4to.

1765. ALEFELD, G. L. *De insigni usu Sulphuris Aurati Antimonii in morbis ex vitiis lymphæ ortis. Giessæ, 4to.

1780. GUERICK, J. E. T. Diss. de Sulphure Antimonii Aurato liquido. Erfurti, 8vo. (In Baldinger, *Syllog. Select. Opusc.*, iii, p. 164.) *Bibl. Med.-Chir. Soc.* (Baldinger.)

The object of this essay is to make more generally known an antimonial preparation discovered by Dr. C. Jacobus, which from its milder operation was intended to supersede the sulphur auratum antimonii and kermes mineral then commonly in use. For preparation, &c., see *Duncan's Med. Commentaries*, vii, 1780, p. 58.

1782. MANNERCRANTZ, F. W. *Obs. de Antimonialibus Sulphuratis. Præs. T. Bergmann. (Ex. in Bergmann, *Opusc.* vol. v, p. 164.) Upsaliæ, 4to, pp. 14.

ANTIMONII TERSULPHURETUM.

Kermes Minerale. Mineral Kermes.

1733. ARVEDO, P. An in Inflammationibus Kermes Minerale? Paris, 4to.

1754. MILLARS, F. X. Diss. de exploratâ Kermes Minerali, sive Pulveris Carthusianorum in medendo efficaciâ. Argentorati, 4to.

1754. SCHMIDEL, C. C. Diss. de Kermes Minerali. Erlangæ, 4to.

1812. ROGÉ, —. *Essai sur l'Oxyde d'Antimoine hydro-sulfuré-brun, ou Kermes Minérale. Paris, 4to.

1816. PORATI, A. Memoria intorno al Chermes Minerale. Milan, 8vo.

1828. BIERMANN, C. F. Diss. de chemicis Kermetis Mineralis rationibus. Prague, 8vo, pp. 156.

APIUM PETROSELINUM, Linn. (Parsley),

and its active principle APIOL.

1737. FERRET, L. *An Petroselinum hortensis inter condimenta saluberrimum? Paris, 4to.

1835. DOIN et LABURTHE. Du suc de Persil dans le traitement de l'Uréthrite. Paris, 8vo.

1842. PÉRAIRE, E. Mémoire sur le Persil, ses préparations, et son emploi en médecine. Bordeaux, 8vo.

1855. JORET et HOMOLLE, MM. Mémoire sur l'Apiol, considéré comme fébrifuge et comme emménagogue. Paris, 8vo, pp. 48.

In this essay the authors adduce many facts to prove the utility of apiol in intermittent fevers, but subsequent experience has not confirmed them in their estimate of it. They also mention many cases of amenorrhœa successfully treated by it.

1864. MARROTTE, —. De l'utilité de l'Apiol dans l'Aménorrhée et la Dysménorrhée. (Ex *Bull. Gén. de Thérap.* Oct. 1863). Paris, 12mo, pp. 16.

APOCYNUM CANNABINUM, Willd.

Indian Hemp, Dog's-bane, etc.

1826. KNAPP, M. L. *On the properties of Apocynum Cannabinum (Indian Hemp). Philadelphia, 8vo.

1833. GRISCOM, J. H. Observations on the Apocynum Cannabinum. (Ex *Amer. Journ. of Med. Sci.*, May, 1833.) Philadelphia, 8vo, pp. 19.

APOMORPHIA. APOMORPHINE.

1871. SIEBERT, V. *Untersuchungen über die physiologischen Wirkungen des Apomorphins. Dorpat, 4to.

The experiments of Dr. Gee (*Clinical Society's Trans.*, 1869, vol. ii, p. 166) who was the first in England to investigate the properties of apomorphia, were repeated and extended by Siebert, who noticed that this agent produced great acceleration of the respiration, pointing distinctly to excitement of the respiratory centre, which is closely connected with the centre for vomiting. (See, further, Dr. Brunton in *Practitioner*, Dec. 1874, p. 424.) —One of the most important investigations yet made on the subject.—*London Med. Record*, Jan. 22, 1873.

1872. QUEHL MAX, —. *Ueber die physiologischen Wirkungen des Apomorphins. Halæ, 8vo.

The author, under the direction of Professor Köhler, examined the action of apomorphia with particular reference to the dose required. An abstract of his observations, as well as those of Dr. Siebert, is given in *London Med. Record*, Jan. 22, 1873, p. 44. There is also an abstract of Max Quehl's observations in *Practitioner*, June, 1874, p. 454-5.

For a condensed translation of a valuable "Investigation into the action of Apomorphia," by Drs. Riegel and Boehm (*Deutsches Archiv für Klin. Med.*, Band ix, Heft 2, 1872), see *Glasgow Med. Journ.*, May, 1872, p. 362-377.

1874. BOURGEOIS, J. B. V. *De l'Apomorphine. Recherches cliniques sur un nouvel émétique. Paris, 4to. Ibid. 8vo, pp. 61.

A tolerably complete monograph.—*Dublin Journ. Med. Sci.*, March, 1875, p. 227.

1874. ROUTY, C. J. *De l'emploi de l'Apomorphine comme vomitif, administrée par injection hypodermique. Paris, 4to.

1874. DUJARDIN-BEAUMETZ, —. Note sur l'action thérapeutique de l'Apomorphine. (Ex *Bull. Gén. de Thérap.*, Oct. 30, 1874.) Paris, 8vo, pp. 11.

For an abstract of the interesting experiments and results of Dr. Dujardin-Beaumetz, see *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 503-4.

1875. BUDIN et COYNE. Sur certains effets de l'Apomorphine. *Vide* "Chloroform," 1875.

AQUILEGIA VULGARIS, Linn.

Herb Columbine.

1716. EYSEL, J. P. *De Aquilegia scorbuticorum asylo. Erfordi, 4to, pp. 27. *Bibl. Banks.*

Ad experientiam suam provocat; succum in phlogosi scorbutica dat, nuper expressum.—*Haller, Bibl. Bot.*, ii, p. 113.

1817. TREVIRANUS, L. C. De Delphinio et Aquilegia observationes. Vratislaviæ, 4to. (Botanical?) *Bibl. Linn. Soc.*

ARANEA ET ARANEARUM TELA.

The Spider and Spider's Web.

1686. PAULLINI, C. F. Usus Aranearum internus in Febre Tertiana. (Ex. in *Misc. Acad. Nat. Cur.*, Dec. 1, A. 5, 1686, Append. 38.)

1809. LICHTENSTEIN, J. N. H. *De efficacia Telæ Aranearum ad curandas Febres Intermittentes aliosque morbos. Helmstadii, 4to.

1811. TOEL, L. Cogitata circa Telas Aranearum in Febribus Intermittentibus usum. Groningen, 8vo, pp. 10.

That spider's web is possessed of any medicinal virtues is disbelieved by most modern therapeutists, yet the evidence of its action as an antiperiodic and sedative rests upon respectable authority. Eberle (*Mat. Med. and Therap.*, ii, p. 118) speaks favorably of it, and cites the statements of Dr. R. Jackson (*Med. Phys. Journ.*, vol. xxi), Dr. Webster (*New England Med. Phys. Journ.*, n. s., vol. iv, p. 218), and Dr. Oliver of Salem, U.S., in its favour. Callisen (*Med. Schriftsteller-Lexicon*, vol. xviii) mentions an inaugural dissertation by Dr. R. Sexton of Baltimore, "On Mania a Potu, treated by Spider's Web," Philadelphia, 1826, but whether this was ever published seems doubtful. The most recent advocate of its use in intermittent and other fevers is Dr. J. Donaldson of the Indian Medical Service, who in the *Indian Lancet*, April 1, 1860, endeavoured to reintroduce it into practice. Still more recently (*Madras Quart. Journ. of Med. Sci.*, April, 1863) he published and tabulated a series of cases in which spider's web formed the main treatment, and with satisfactory results. For some other continental authorities see Merat et De Lens (*Dict. Univ. Mat. Med.*, i, p. 380, and Suppl. vol., p. 54).

1856. OZANAM, C. Étude sur le Venin des Arachnides et son emploi en thérapeutique. Paris, 8vo.

ARBUTIN.

1860. JABLONOWSKI, J. De Santonini et Arbutini intra organismum humanum rationibus. Dorpati Livon. 8vo, pp. 37.

1875. HLASIWETZ, H., und HABERMANN, J. Ueber das Arbutin. Vienna, 8vo, pp. 10.

ARCTIUM LAPPA, Linn.

Burdock, Bardana.

1758. HILL, Sir J. The Management of the Gout with the virtues of Burdock Root, taken in the manner of tea as first used in the author's own case. London, 8vo. Eighth ed. London, 1771, 8vo, pp. 75. *Bibl. Med.-Chir. Soc.* (8th ed.)

1758. CRINE, G. The Management of the Gout, by a physician from his own cure, with the virtues of an English plant Bardana, not regarded in the present practice, but safe and effectual in alleviating that disease. Fifth ed. (?), London, 8vo.

Bibl. Facult. Glasgow; Manch. Med. Soc.; Coll. Surg. Lond.

The relation which this and the preceding work hold to each other is very obscure; they form a bibliographical puzzle. Haller (*Bibl. Botan.*, ii, p. 358) mentions Hill's work only, omitting altogether even the name of Crine, whereas Watt in his 'Bibl. Britannica' gives Crine's work only, and makes no mention of that of Hill's, although he gives a long list of his publications. Mr. A. Duncan, librarian of the Faculty of Physicians and Surgeons of Glasgow, in a communication to me on the subject, suggests as a solution of the difficulty, that George Crine was a pseudonym of Sir John Hill's. "That the latter," he adds, "did write pseudonymously is beyond

question. Thus, a pamphlet published in the same year as Crine's (1758), and entered in our catalogue under the name of 'Uvedale, C., on the construction of the Nerves, &c.,' was written by Hill, and it was apparently published under his own name in the very same year." This explanation is, therefore, probably the correct one. Hill's pamphlet is in itself a very superficial production.

1826. NORDSTEDT, C. P. U. *De Bardana. Præs. C. Thunberg. Upsaliæ, 4to.

ARECA CATECHU, Lin.

Areca Palm.

1739. KIRSTEN, A. J. *De Areca Indorum. Altorfii, 4to, pp. 38. tab. i. *Bibl. Banks.*

De catechu ex ea præparata.—Vide *Haller, Bibl. Bot.*, ii, p. 292.

1806. (Anon.) Dissertation on the growth and properties of Areca and Betel. London, 8vo. *Bibl. Facult. Glasgow.*

ARGEMONE, sp. of.

1814. VIGUIER, L. G. A. Hist. naturelle, médicale, &c., des Pavots et des Argémones, &c. Montpellier, 4to, pp. 51. *Bibl. Lin. Soc.*

ARGENTUM et ARGENTI NITRAS.

Silver and its Nitrate, etc.

1593. INDIA, F. Hygiphilus, seu de Febre Maligna dialogus, in quo de Vesicantium medicamentorum...de Auri et Argenti in re medica abusu, &c. Veronæ, 4to. Ibid. 1599.

1618. KERNER, A. Tetras Chymiatrica proponens in medicina efficaciam Argenti, &c. (*Vide* "Antimony.") Erphordiæ, 12mo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1638. BICKFAI, J. DE. De viribus Auri et Argenti debite præparati. Nürnberg, 8vo.

1678. KUNKELIUS, J. Obs. de Salibus, Auro, et Argento potabili, &c. Latine a C. A. Ramsaio. London, 18mo. *Bibl. Med.-Chir. Soc.*

1685. WALDSCHMID, W. U. *De Argento et Cupro. Marpurgi, 4to.

1770. ELSE, J. On the cure of Hydrocele (by means of Nitrate of Silver). London, 8vo. Third ed., 1776. *Bibl. Med.-Chir. Soc.*

1783. GUTZEIT, —. *De Hydrocele Lapide caustico curanda. Montpellier, 4to.

1787. DUSSAUSSOY, —. Cure radicale d'Hydrocele, &c., par le Caustique. Lyon, 8vo.

1807. ANDREWS, M. W. Observations on the application of Lunar Caustic to Strictures of the Urethra and of the Œsophagus. London, 8vo. Second ed. London, 1827, 8vo, pp. 249. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

In this essay numerous cases are cited to illustrate the power and safety of the caustic bougie and to demonstrate its superiority over the unarmed bougie.

1809. LUXMOORE, T. Observations on Stricture of the Urethra, with cases illustrative of the comparative merits of the Caustic and Common Bougie. London, 8vo, pp. 215. *Bibl. Med.-Chir. Soc.*

This work is intended to recall the attention of surgeons to the simple bougie, and to show from the result of the author's experience that by means of it alone a large proportion of strictures may be easily and speedily cured.

1815. BUTINI, A. *De usu interno præparationum Argenti. Montpellier, 4to, pp. 27.

1820. SEMENTINI, L. Memoria dell' uso interno della pretesa Pietra Infernale. Napoli, 8vo.

1823. DELARUE, F. Sur les bons effets des attouchements avec la Pierre Infernale (Argenti Nitras) aidés d'une compresion méthodique dans le traitement du Staphylôme. Paris, 8vo, pp. 16.

1826. CONTE, G. Mem. su due casi di Annosa Epilessia curati mercè l'uso interno del Nitrato di Argento. Napoli, 8vo, pp. 44.

1826. HIGGINBOTTOM, J. Essay on the application of the Lunar Caustic in the cure of certain Wounds and Ulcers. London, 8vo, pp. 147. Second ed. ibid. 1829, 8vo, pp. 204, third, 1866. *Bibl. Med.-Chir. Soc.*

A standard work of considerable merit. See also 1850 and 1866.

1830. JEWEL, G. Observations on Leucorrhœa or Flor Albus, with cases illustrative of a new mode of treatment. London, 8vo. *Bibl. Med.-Chir. Soc.*

The "new mode of treatment" here advocated consists in the application of nitrate of silver in substance, or in a solution, to the os and cervix uteri. Cases illustrating its powers in leucorrhœa and the gonorrhœa of the female are detailed.—*London Med. Gazette*, Sep. 18, 1830, p. 947.

1835. SERRE, A. H. Mém. sur l'efficacité des injections du Nitrate d'Argent crystallisé dans les écoulements de l'Uréthre. Paris, 8vo, pp. 90. *Bibl. Coll. Surg. Lond.*

1835. JULLIARD, E. J. De l'emploi de l'Excision et de la Cautérisation à l'aide du Nitrate d'Argent fondu dans l'Ophthalmie Blennorrhagique. Paris, 4to, pp. 88.

1836. SERRE, A. H. Mémoire sur l'emploi des préparations d'Argent dans les Maladies Vénériennes. Montp. et Paris, 8vo, pp. 88.

1836. MOREAU, W. *Emploi des injections avec la solution de Nitrate d'Argent. Paris, 4to.

1836. LAVALLETE, E. *De la cautérisation par le Nitrate d'Argent de quelques Maladies des Voies Urinaires. Montpellier, 4to.

1837. JOAQUIM MORAES SARMENTO, J. *Emploi du Nitrate d'Argent. Paris, 4to.

1837. ANIZON, P. *Emploi du Nitrate d'Argent. Paris, 4to.

1837. BARASCUT, —. *Emploi thérapeutique du Nitrate d'Argent. Paris, 4to.

1837. ROLAND, L. J. A. *Essai sur l'emploi du Nitrate d'Argent dans la Fistule Lachrymale. Montpellier, 4to.

1837. LACHAUME, J. J. *Obs. tendant à montrer l'utilité du Nitrate d'Argent dans quelques Maladies des Membranes Muqueuses. Montpellier, 4to.

1837. VIGAROUX, J. B. Essai sur l'action du Nitrate d'Argent fondu, surtout dans le traitement de la plupart des Maladies des Yeux. Montpellier, 4to.

1838. BONNET-MALHERBE, J. *Emploi de Nitrate d'Argent. Paris, 4to.

1838. CURLING, T. B. Observations on the employment of the Solid Nitrate of Silver in Strictures of the Urethra. London, 8vo. *Bibl. Med.-Chir. Soc.*

1839. BENOIST, J. *Emploi thérapeutique du Nitrate d'Argent, et spécialement de l'emploi de cette substance dans les Maladies des Membranes Muqueuses. Montpellier, 4to.

1839. SICARD, A. *De l'emploi thérapeutique des préparations d'Argent dans le traitement des Maladies Vénériennes. Montpellier, 4to, pp. 84.

1840. CAZENAVE, J. J. Études...sur le Nitrate d'Argent fondu, et sur la cautérisation du Rétrécissement de l'Uréthre. Paris, 8vo.

1840. GOUZÉE, H. P. Recherches sur l'état des conjonctives palpébrales après la guérison de leurs granulations par la cautérisation à l'aide du Nitrate d'Argent. Gand, 8vo.

1842. DESMARRES, L. A. Sur une nouvelle méthode d'employer le Nitrate d'Argent dans quelques Ophthalmies. Paris, 8vo, pp. 32.

1842. ORFILA, M. J. B. Mémoire sur l'absorption des sels de Plomb...d'Argent, &c. Paris, 8vo, pp. 20.

1843. DEBENEY, A. Mémoire sur le traitement de la Blennorrhagie par l'Azotate d'Argent à haute dose. Paris, 8vo.

1843. DEBENEY, A. Considérations nouvelles sur la méthode des injections Caustiques à toutes les périodes de l'Urétrite. Paris, 8vo.

1844. MASCHER, A. W. *De Argento Nitrico cristallisato ejusque usu interno. Lipsiæ, 4to, pp. 24.

1845. VENOT, J. État réel de la question sur le traitement abortif de la Blennorrhagie par les injections caustiques d'Azotate d'Argent. Bordeaux, 8vo.

1845. KRAHMER, L. Das Silber als Arzneimittel betrachtet. Hallæ, 8vo.

1849. GREEN, H. On Croup and its treatment by Topical Medication (of Nitrate of Silver). *Vide* "Tropical Remedies," 1849.

1849. MCDONNELL, R. L. On the treatment of Chronic Inflammation of the Bladder by injections of Nitrate of Silver. (A reprint.) Montreal, pamphlet.

1849. LEVY, J. Die Choleraheilung mit Salpetersäurem Silber. Breslau, 8vo, pp. 176.

1850. HIGGINBOTTOM, J. Additional observations on the Nitrate of Silver, with full directions for its use as a therapeutic agent. London, 8vo, pp. 40.

An amplification of his previous work on the subject; it contains much that is practically useful. Full directions are given for the application of the nitrate in various forms of ulceration, wounds (including those received in dissection), erysipelas, phlegmonous inflammation, burns, scalds, smallpox, gangrena senilis, &c. The latter part of the pamphlet consists of cases illustrating the use of the nitrate.—*Brit. and For. Med.-Chir. Rev.*, April, 1851, p. 521.

1851. DELIOUX DE SAVIGNAC, J. F. J. A. Consid. chimiques, physiologiques et thérapeutiques sur les sels d'Argent. (Ex *Gaz. Méd. de Paris*, 1851.) Paris, 8vo.

1854. FLINZER, M. C. A. De Argenti Nitrici usu et effectu, præsertim in Oculorum morbis sanandis.

1856. MELLO DE SOUZA BRANDÃO E MENEZEZ, L. DE. *Considérations sur les propriétés physiologiques et thérapeutiques du Nitrate d'Argent. Paris, 4to, pp. 65.

Contains a very full account of the various therapeutical uses of the nitrate. The author has evidently bestowed much pains in the preparation of this memoir.

1857. COIGNET, B. J. *Du Nitrate D'Argent, matière médicale et thérapeutique. Montpellier, 4to, pp. 37.

1859. SÉGALAS, P, S. De l'emploi du Nitrate d'Argent contre certaines Maladies chroniques des Organes Génito-urinaires. Paris, 8vo.
Lipsiæ, 8vo, pp. 40, cum tab. i.

1860. ROUSSEL, X. *De l'Hydrocèle de la tunique vaginale, son traitement par la cautérisation au moyen du Nitrate d'Argent. Strasbourg, 4to, pp. 40.

1861. DUCLOS (de Tours), —. Études sur l'emploi du Nitrate d'Argent dans la Dysenterie aiguë. Tours, 8vo, pp. 20.

1862. FRISSANT, S. *De l'emploi des crayons de Nitrate d'Argent, dans les Affections de la Muqueuse Utérine. Montpel. 4to, pp. 42.

1862. CHARCOT, J. M., et VULPIAN, A. Sur l'emploi du Nitrate d'Argent dans le traitement de l'Ataxie locomotrice progressive. (Ex *Bull. Gén. de Thérap.*) Paris, 8vo, pp. 32.

1863. SALOMON, A. *De l'emploi du Nitrate d'Argent dans le traitement de l'Ataxie locomotrice progressive. Strasbourg, 4to, pp. 42.

1864. KOSSAK, R. *Congesta et composita, quæ ad Argenti Nitrici usum pertinent. Königsberg, 8vo, pp. 29.

1866. BESOMBES, A. J. U. *De l'Ophthalmie Purulente spontanée: de son traitement par les irrigations froides et par la cautérisation avec la solution de Nitrate d'Argent. Montpellier, 4to, pp. 49.

1866. HIGGINBOTTOM, J. A practical essay on the use of the Nitrate of Silver in the treatment of Inflammations, Wounds, and Ulcers. Third ed. much enlarged. London, 8vo, pp. 172.

During a period of forty years (the first edition having appeared in 1826) this has been a standard work of reference on the subject of which it treats. —*Edinb. Med. Journ.*, Aug., 1866, p. 169.

To destroy indolent, irritable, and unhealthy cell-growth, to decompose foul secretion, to effect an impermeable covering from the atmosphere and from accidental contamination, and to protect a diseased surface by means of a non-sensitive pellicle from contact with external bodies, are functions effected by the nitrate of silver, whose use in surgery has made Mr. Higginbottom's name a "household word" to the profession.—*Medical Times and Gaz.*, Dec. 9th, 1865, p. 461.

1867. CAIZERGUES, M. L. De l'insufflation dans le larynx du Nitrate d'Argent pulvérisé comme moyen de guérison du Croup. Montpellier, 8vo, pp. 13.

1868. FRANÇOIS, F. *Essai sur le Nitrate d'Argent appliqué au traitement des Ophthalmies. Paris, 4to.

1868. LOMBART, A. *Du Nitrate d'Argent, de son action locale et de son emploi en chirurgie. Paris, 4to.

1868. PINET, F. *De l'action locale du Nitrate d'Argent et de ses applications thérapeutiques. Paris, 4to.

1871. MASSELOUX, P. A. J. *De l'Hydrocèle simple, et de son traitement par le Nitrate d'Argent. Paris, 4to.

1871. MOURIER, A. *Des effets physiologiques et thérapeutiques des préparations d'Argent. Paris, 4to.

1871. GESTIN, R. T. C. *Du traitement abortif de la Dysenterie Aiguë par le Nitrate d'Argent. Montpellier, 4to, pp. 42.

1871. LARGHI, —. Reproduction des Os, et traitement des Maladies des Os et des Articulations par le Nitrate d'Argent. Paris, 8vo, pp. 33.

1872. BLASART, A. *Du traitement de la Sciatique chronique par les injections de Nitrate d'Argent. Paris, 4to.

1872. POULIOT, F. *De la Cystite du Col, de ses divers modes de traitement, et en particulier des instillations au Nitrate d'Argent. Paris, 4to. Idem, Paris, 8vo, pp. 130. *Bibl. Med.-Chir. Soc.*

1874. LARGHI, B. Della cura del Gozzo mediante incisione cutanea e cauterizzazioni col Nitrato d'Argento. Milan, 8vo, pp. 124.

1874. GANZIN, C. *Du traitement de l'Hydrocèle. Cautérisation de la tunique vaginale par le Nitrate d'Argent (Procédé de Defer). Paris, 4to.

1874. ROBINSKI, S. Die Kittsubstanz auf Reaction des Argentum Nitricum. Mikroskopische und mikrochemische Untersuchungen. Berlin.

In this wordy pamphlet Robinski shows that salts of silver stain all animal tissues alike, and that the "cement substance," which, according to Kühne, connects the epithelial cells and other tissues, and which, according to him, possesses the remarkable and characteristic property of being blackened with the salts of silver, does not exist.—*Edin. Med. Journ.*, May, 1874, p. 10-31.

ARGENTI OXIDUM.

Oxide of Silver.

1845. EYRE, Sir JAMES. Remarks on some Exhausting Diseases, particularly those incident to Women. London, 12mo, pp. 75. Second ed. ibid. 1851, pp. 110. *Bibl. Med.-Chir. Soc.*

1852. EYRE, Sir JAMES. The Stomach and its Difficulties. London, 12mo, pp. 152. Third ed. ibid. 1855. German transl. by Dr. A. Mannrath, 8vo, 1857. Weimar, 8vo, 1857.

The main object of the author in both these works is apparently to bring to notice the oxide of silver as a therapeutic agent. In the former he treats of hæmoptysis, menorrhagia, hæmaturia, epilepsy, and some other diseases accompanied with much debility; in the latter, of certain forms of dyspepsia, gastrodynia, pyrosis, and chronic diarrhœa, &c. All the facts are intended to show that oxide of silver, properly and judiciously administered, is a serviceable remedy in a large number of cases.—*Edin. Med. Surg. Journ.*, vol. lxiv, p. 232-4, and vol. lxxx, p. 200-1.

Sir James Eyre's cases support the claims of the oxide as a substitute for the nitrate as an internal remedy, which had previously been advanced by Mr. C. H. B. Lane in *Med. Chir. Rev.*, July, 1840, p. 289, *et seq.*

ARISTOLOCHIA CLEMATITIS, Linn.

Upright Birthwort.

1719. FORSTER, W. E. *De Aristolochia. Præs. J. J. Baier. Altdorf. 4to, pp. 20. *Bibl. Acad. Edin.*

Clematidem laudat adversus arthritidem.—*Haller, Bibl. Bot.*, ii, p. 81.

1807. WREDE, E. *De Aristolochia Clematide sputo cruento atque Phthisi pulmonali medente. Helmstadii, 4to.

ARISTOLOCHIA FRAGRANTISSIMA, Ruiz.

1805. RUIZ, H. Memoria sobre las virtudes y usos de la planta llamada en el Perú Bejuco de la Estrella (Aristolochia fragrantissima). Madrid, 4to, pp. 52, tab. i.

ARNICA MONTANA, Linn.

Arnica. Leopard's Bane.

1719. ALBERTI, M. *De Arnicæ viribus. Halæ, 4to.

Egregia dissertatio. Vires medicæ ad dissipanda sugillata et contracturas, remedii effectus ex propriis auctoris experimentis.—*Haller, Bibl. Med. Pract.*, iv, p. 392.

1719. LA MARCHE, G. A. DE. *De Arnicæ veræ usu. Præs. M. Alberti. Halæ, 4to, pp. 24. *Bibl. Coll. Phys. Edin.*

1736. MEISNER, L. F. Panacea Lapsorum sive de Herba Arnica. Pragæ, 4to, pp. 47.

1741. BÜCHNER, A. E. *De genuinis principiis et effectibus Arnicæ. Resp. V. M. Hornschuch. Erfordiæ, 4to —— recusa. Halæ, 1749, 4to, pp. 36. *Bibl. Banks.*

Analysis. Ejus usus medicus. Exemplum rheumatismi ea herba sanati.—*Haller, Bibl. Bot.*, ii, p. 209.

1773. COLLIN, H. J. Florum Arnicæ vires, sive Observationes circa morbos acutos et chronicos factæ. Viennæ, 8vo. *Bibl. Med.-Chir. Soc.*

This work is divided into four chapters. 1st contains a botanical description of the arnica plant; 2nd, a variety of cases illustrating the effects of arnica in paralytic affections; 3rd, instances of amaurosis benefited or cured by its use; and 4th, other cases from which it appears that arnica is a powerful antispasmodic.—Review in *Duncan's Med. Commentaries*, v 1777, p. 233.

1774. SCHUETT (or SCHÜTT), P. A. *De viribus Arnicæ. (In *Baldinger Syllog. Select. Opusc.* iv, p. 295.) Göttingæ, 4to, pp. 34. *Bibl. Med.-Chir. Soc.; Banks.*

1775. COLLIN, H. J. Arnicæ in Febribus et aliis morbis putridis vires. Pars quinta. Vienna, 8vo. *Bibl. Coll. Phys. Edin.*

1776. DAELLINGER, J. I. *Diss. sistens fasciculum observationum circa Arnicam. Resp. J. Müller. Bambergæ, 4to.

1778. STRÆT, G. Exemplum virtutis febrifugæ Florum Arnicæ. Hafniæ, 4to.

1779. MARTINI, J. N. VON. Diss. de Arnica. Vienna, 8vo, pp. 63, tab. i. *Bibl. Banks.*

1780. FRIED, J. De viribus et usu Arnicæ. Vienna, 4to.

1785. BIRKHOLZ, A. M. *De Arnicæ virtute propria atque specifica. Resp. A. F. Wittke. Lipsiæ, 4to, pp. 24.

1785. BUCHOLZ, W. H. S. Versuche über die antiseptischen Kräfte des Wolverlei (Arnica), mit Anhang. Erfurt, 4to, pp. 34.

1786. SALA, A. Sobra la Arnica de los montes. Barcelona, 4to, pp. 52.

1786. ECCARD, M. T. De virtutibus quibusdam Arnicæ, &c. See "Viola tricolor," 1786.

1799. THURNBERG, C. P. *De Arnicâ. Upsaliæ, 4to, pp. 34.

1817. JEANJEAN, P. G. Aperçu sur la nature et les propriétés de l'Arnica montana. Montpellier, 4to, pp. 12.

1821. CADOT, A. Sur le mode d'action de l'Arnica montana. Paris, 8vo, pp. pp. 16. *Bibl. Coll. Surg. Lond.*

1823. KNIERIEM, J. M. *Spicilegium observationum de Arnica montana. Dorpati, 8vo, pp. 67.

1830. WEISSENBERGER, F. A. *Chem. Analyse der Arnicawurzel. Freiburg, 4to.

1835. STELKA, J. J. De Arnica montana. Prague, 8vo, pp. 28.

1835. [Anon.] Uebersicht der Eigenschaften der Wohlverleihblume. Wisbaden, 8vo.

1836. SCHUMACHER, G. H. *De Arnica montana. Berolini, 4to, pp. 29.

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Dr. Fowler communicates in this work his experience of arsenic in a great number of cases, relating with great candour all the instances of failure as well as success. He gives directions for preparing his mineral solution of arsenic, subsequently known as Fowler's Ague or Fever Drops, now represented by Liquor Arsenicalis, Br. Ph. It is a work of considerable merit, and gave the first impulse to the general use of arsenic in British practice.—*Duncan's Med. Commentaries*, xi, 1787, p. 113; and *London Med. Journal*, vii, 1786, p. 192-205.

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A verbose essay, containing little that is original or noteworthy.

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A valuable monograph, containing many original observations, the correctness of which subsequent observers have for the most part confirmed. The author examines in detail the action of arsenic on the vegetable and animal kingdoms, its *modus operandi*, the symptoms and proofs of poisoning by it, and the chemical tests for its detection; of the latter he gives the preference to lime water, ammoniated copper, and hydrosulphuretted water.—*Edin. Med. Surg. Journ.*, vii, 1811, p. 80-88.

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1816. PATRIX, E. G. L'Art d'appliquer la Pâte Arsenicale. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

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A laborious compilation of the writings and opinions of others, without any pretensions to originality. It is divided into six books. The first treats of paludal neuroses or intermittent fevers, the second of "neuropathies," the third deals with the uses of arsenic in skin diseases, the fourth treats of internal diseases of an asthenic and cachectic nature, the fifth of the external uses of arsenic, and the sixth of its physiological effects. Dr. Barella is enthusiastic on the virtues of arsenic, and is of opinion that Fowler's Solution fairly represents and may be substituted for all other arsenical preparations. —*Dublin Journ. Med. Sci.*, Nov., 1874, p. 407.

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The first portion of this work—"De la Médication Arsenicale"—contains all that has been advanced or need be known about it. The discoveries of others are carefully marked, and due credit is given to every labourer in the ar-

senical vineyard; to these the author appends his own views. The section "De la Médication Antimoniale" is much shorter than the preceding, but it is not inferior to it in any other respect. He is of opinion that antimony and arsenic possess an analogous action against those affections which are characterised by a functional perversion of innervation, *e.g.* chorea, delirium tremens, hysteria, &c. The two last sections are devoted to diseases of the heart and their treatment by the conjoint use of these two remedies, sometimes singly, at others conjointly, in the form of arsenite of antimony. *Vide*, further, *Dublin Quart. Journ. Med. Sci.*, May, 1868, p. 129 *et seq.*

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This pamphlet is a record of cases of phthisis successfully treated with arsenic. For a summary of the author's observations and results see *Brit. and For. Med.-Chir. Rev.*, Oct., 1869, p. 505.

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1870. LISLE, E. Clinique des maladies mentales. (1) Du traitement de la Congestion Cérébrale et de la Folie avec congestion et hallucinations par l'Acide Arsénieux. Marseilles, 8vo, pp. 406. *Bibl. Med.-Chir. Soc.* (1871).

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and a Medicine; to which are added five cases of recovery from the poisonous effects of Arsenic. London, 8vo, pp. 163.
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"Mr. Marshall, not content with being the historian of a curious case of arsenical poisoning which occurred to him, has been ill-advised enough to come forward as a man of science to instruct others, and to expose his incapacity in every respect." Ex review in *Edin. Med. Surg. Journ.*, Oct., 1817, p. 507-520. The extracts quoted in the review seem to warrant this severe language.

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1835. PICHLER, —. *De Arsenico respectu toxicologica. Vindob. 8vo.

1836. CHRISTENSEN, M. De exploratione veneficii chemica Arsenico facti. Progr. ii. Havniæ, 8vo, pp. 217.

1836. ENSCHUT, F. P. G. VAN. Comment. med.-forensis qua exponuntur signa pathologica...et signa chemica quibus veneficium Arsenicale in foro certo probari possit. Traject. ad Rhen. 8vo, pp. 148.

1837. HOMBRON, J. B., et SOULLIE. Nouvelles recherches sur l'empoisonnement par l'Acide Arsénieux. Brest, 8vo, pp. 16.

1837. GEARY, W. T. On the Hydrated Peroxide of Iron as an antidote to Arsenic. Edin. 8vo, pp. 72.

1838. MALLE, P. N. F. Considérations médico-légales...et d'un nouveau mode d'isolement de l'Arsenic. Strasbourg, 4to.

1839. MACKENZIE, D. *Essay on the Antidotes to Arsenic. Edin. 8vo. *Bibl. Med.-Chir. Soc.*

1840. TIERSOT, H. Sur l'emploi de l'Oxyde de Fer contre l'empoisonnement par l'Acide Arsénieux. Paris, 8vo, pp. 32. *Bibl. Pharm. Soc. Lond.*

For a careful examination of the testimony relative to the efficacy of the hydrated peroxide of iron as an antidote to arsenic, see a paper by Dr. T. R. Beck in *American Journ. of Med. Sci.*, July, 1841, and *Edin. Monthly Med. Journ.*, vol. i, Dec. i, 1841, p. 907-11.

1840. NETSCHAJEFF, —. On Arsenical Poisoning. (In Russian.) St. Petersburg, 8vo.

1840. ROGNETTA, —. Nouvelle méthode de traitement de l'émpoisonnement par l'Arsenic. Paris, 8vo, pp. 108. *Bibl. Med.-Chir. Soc.*

1841. ORFILA, M. J. B. Recherches médico-légales et thérapeutiques sur l'empoisonnement par l'Acide Arsénieux ; précédées d'une histoire de l'Arsenic métallique et de ses divers composés, et suivies d'une discussion sur le Peroxyde de Fer considéré comme contrepoison. Paris, 8vo.

1841. ROGNETTA, —. Intoxication Arsenicale. Consultation médico-légale sur un cas présumé d'empoisonnement par l'Acide Arsénieux. (Affaire Michel.) Paris? 8vo. *Bibl. Med.-Chir. Soc.*

1841. FABRÈGE, P. Guide du médecin dans l'empoisonnement par l'Acide Arsénieux, &c. Paris, 8vo.

1841. ORFILA, M. J. B. Rapport sur les moyens de constater la présence de l'Arsenic dans les empoisonnemens par ce toxique, &c. Paris, 8vo, pp. 53.

Further researches by the same author are recorded in *Mém. de. l'Acad. Royale de Médecine*, vol. ix, 1841.

1842. DANGER et FLANDIN, MM. De l'Arsenic, suivi d'une instruction propre à servir de guide aux experts dans les cas d'empoisonnement, &c. Paris, 8vo, pp. 301. *Bibl. Med.-Chir. Soc.*

For a summary of the conclusions arrived at by MM. Danger and Flandin, see *Edin. Med. Surg. Journ.*, vol. lvi, p. 550.

1842. BEAUFORT, —. Recherches médico-légales et thérapeutiques sur l'empoisonnement par l'Acide Arsénieux. Paris, 8vo, pp. 192.

For analysis of the last three works, see *Brit. and For. Rev.*, Jan., 1842, p. 183 *et seq.*

1842. HUSSON, ADELON, PELLETIER, CHEVALLIER et CAVENTOU, MM. Rapports sur les moyens de constater la présence de l'Arsenic dans les empoisonnements par ce toxique au nom de l'Acad. Roy. de Méd.; suivis de l'extrait du rapport fait à l'Acad. des Sci. sur le même sujet par MM. Thenard, Boussingault, et Regnault, &c. Paris, 8vo, pp. 56. German transl. Munich, 8vo, 1842.

1842. FROMM, A. Abhandlung über die Vergiftung mit arseniger Säure, nebst einer krit. Beleuchtung des Marsh'schen Apparats. Wien und Leipzig, 8vo, und tab. 2.

1842. DUFLOS, A., und HIRSCH, A. G. Der Arsenik, seine Erkennung und sein vermeintl. Vorkommen in organisirten Körpern. Breslau, 8vo.

1842. WATSON, H. H. On detecting the presence of Arsenic, particularly in reference to Marsh's test. Manchester, 8vo, pp. 27.

1843. REINSCH, H. Der Arsenik; sein Vorkommen, die hauptsächlichsten Verbindungen, &c. Nürnberg, 8vo, tab. i.

1843. CHEVALLIER, A., et BARSE, J. Manuel pratique de l'Appareil de Marsh; ou Guide de l'expert toxicologiste dans la recherche de l'Antimoine et de l'Arsenic; contenant un exposé de la nouvelle méthode de Reinsch applicable à la recherche médico-légale de ces poisons. Paris, 8vo, pp. 444.

An elaborate and able investigation into the value of and mode of applying Marsh's test in its various forms.—*Edin. Monthly Journ. of Med.*, July, 1843, vol. iii, p. 644.

1845. BLONDOT, N. Nouveaux perfectionnements, à la méthode de Marsh, pour la recherche chimico-légale de l'Arsenic. Paris, 8vo, pp. 42.

1845, DELAFOND, O. Exposé d'expériences faites sur les animaux dans le but de constater si la sécrétion urinaire est supprimée dans l'empoisonnement aigu et suraigu par l'Acide Arsénieux. Paris, 4to. pp. 58.

1846. SCHAFER, C. W. L. Beiträge zu der Lehre von der Arsenik-Vergiftung, &c. Berlin, 8vo. *Bibl. Manchester Med. Soc.*

1846. HILLAIRET, J. E. Notice historique sur l'empoisonnement par l'Arsenic, &c. Paris, 8vo.

1847. WOHLER und VON SIEBOLD. Das forensich-chemische Verfahren bei einer Arsenik-Vergiftung. Berlin, 8vo, pp. 32.

1847. ROSSO DA COMISO, C. L. Sull' Arseniato chimico. Catania, 8vo.

1847. HUEBBENET, C. DE. *Vide* "Arsenic (as a medicine)," 1847.

1850. DEL POZZO, L. Catechismo di Farmacia, &c., con una breve appendice sulla ricerca dell' Arsenico e di altri veleni minerali, &c. Vercelli, 2 vols. 8vo.

1852. WALTHER, C. Über Erkennung des Arsens bei Arsen-Vergiftungen. Bayreuth, 8vo, pp. 24.

1852. SCHUCHARDT, B. Untersuchungen über die Anwendung der Magnesia-hydrats als Gegenmittel gegen arsenige Säure und Quecksilberchlorid. Göttingen, 8vo, pp. 60.

1852. ERDMANN, C. M. *De Arsenico nonnulla. Berlin, 8vo, pp. 32.

1853. RAWITZ, A. Eine Arsenik-Vergiftung, &c. Celle, 8vo.

1853. WALTHER, C. Ueber Erkennung des Arsens bei Arsen-Vergiftungen. Bayreuth, 8vo, pp. 36.

1858. THEILE, —. Arsenik-Vergiftung ohne Nachweisbarkeit des Arseniks in der Leiche. Wien, 8vo, pp. 28.

1858. SCHROFF, C. D. Toxikologische Versuche über Arsen. Wien, 8vo, pp. 26.

1859. VERNOIS, M. Sur les accidents produits par l'emploi des Verts Arsenicaux. Paris, 8vo, pp. 30; tab. col. i.

1862. FLAMENT, V. P. *Des accidents produits par les papiers peints au Vert Arsenical. Strasbourg, 4to, pp. 34.

1865. TARDIEU, A., LORAIN, P., et ROUSSIN, Z. Empoisonnement par la Strychnine, l'Arsenic et les sels de Cuivre, observations et recherches nouvelles. Paris, 8vo, pp. 28.

1870. VALETTE, —. De l'empoisonnement par l'Hydrogène Arsénié. Lyon, 8vo, pp. 22.

1873. MARTINEAU, —. Empoisonnement suraigu par l'Arsenic. Paris, 8vo, pp. 11, pl. i.

ARTEMISIA ABSINTHIUM, Linn.

Common Wormwood.

1589. ROCARDUS, C. De plantis Absinthii tractatus. Venet. 4to. Idem imprim. cum J. Bauhin, De plantis Absynthii, &c. 1593, *q. v.*

1593. BAUHIN, J. De plantis Absynthii nomen habentibus. Montisbeligardi, 8vo. *Bibl. Coll. Phys. Lond.; Med.-Chir. Soc.*

1668. FEHR, J. M. Hiera picra, vel de Absinthio analecta. Lipsiæ, 8vo, pp. 175, tab. 2. *Bibl. Med.-Chir. Soc.; Banks.*

ABSINTHE.

1862. MOREAU, J. M. F. De la liqueur d'Absinthe et de ses effets. Paris, 8vo, pp. 36.

1862. ANSELMIER, —. De l'empoisonnement par l'Absinthe. Paris, 12mo, pp. 28.

1864. VOISIN, A. Sur l'Absinthisme. *Vide* "Alcohol," 1864.

1867. LIERRE, H. La question d'Absinthe. Paris, 12mo, pp. 68.

1871. CHALLAND, T. *Étude expérimentale et clinique sur l'Absinthisme et l'Alcoolisme. Paris, 4to. Ibid. 8vo, pp. 112.

1871. MAGNAN, —. Étude expérimentale et clinique sur l'Alcoolisme: Alcool et Absinthe; Épilepsie Absinthique.
Paris, 8vo, pp. 47.

ARTEMISIA COERULESCENS, Linn.

1800. MANDRUZZATO, S. Del facoltà febbrifuga e delle altre virtù medicinali del Santonico, Artemisia coerulescens, *L.*
Venezia, 8vo, pp. 40.

ARTEMISIA CONTRA, Linn., and other Species yielding Santonica (Semen contra) and Santonin.

1749. WOLFF, S. B. *De Semine Santonico. Præsid. J. F. Cartheuser. Francof. ad Viad. 4to. *Bibl. Radcliffe.*

1834. SAMSON DE HIMMELSTIERN, G. H. De extracto aëthereo-oleoso-resinoso Seminum Cinae. Dorpati, 8vo, pp. 48.

1843. KLEINER, J. De medicamentis usitatis contra Ascarides præcipue de Semine Cinae ejusque præparatis. Turici, 8vo, pp. 24.

1859. ROSE, E. Diss. de Santonico. Berlin, 8vo, pp. 50.

See also "Santonin."

ARTEMISIA MOXA, DC.

Including Moxa.

1664. BUSHOFF, H. Tractatus de Podagrâ per Moxam curanda.
Amst. 4to

1676. GEILFUSIUS, B. W. *De Moxa. Marpurgi, 4to, pp. 28.
Bibl. Coll. Surg. Lond.; Banks.

1677. TEMPLE, Sir W. Essay upon the cure of Gout by Moxa.
London? (Works, vol. i, p. 134.)

Sir W. Temple, who pithily designated gout "a companion that ought to be treated like an enemy, and by no means like a friend," heroically applied the Chinese moxa to his foot, and thereby was permanently cured. His account of the disease is given with nosological precision, and nothing can be more graphic than the detail of what he felt while the burning cone was in contact with the skin.—*Amer. Journ. Med. Sci.*, April, 1845, p. 475.

1678. HORST, J. G. De Moxa. Francof. 4to.

1682. GEHEMA, J. A. Eroberte Gicht durch die Chinesischen Waffen der Moxa. Hamburg, 12mo. Ibid. 1683.

1683. RHYNE, W. TEN. Dissertationes tres. Londini, 8vo.

One of these dissertations is on gout and its cure by moxa.—*Haller, Bibl. Bot.*, i, p. 619.

1685. VALENTINI, M. B. Historia Moxæ cum adjunctis meditationibus de Podagra. Lugd. Bat. 12mo. Alt. ed. 1686.

1714. SYLVAULS, A. Von dem Podagra und dessen Indianischer Cur durch die Moxa. Breslau, 12mo.

1788. HALLMANN, J. G. *De Moxæ atque ignis in medicina rationali usu. (In *Thunberg Diss. Upsaliæ*, i, p. 231).
Upsaliæ, 4to, pp. 15. *Bibl. Coll. Surg. Lond.; Banks.*

1799. ENGELHART, J. H. De usu Moxæ. Resp. A. Witthoff. Lundæ, 4to.

1803. BERNARDIN, A. E. M. *Sur les avantages qu'on peut retirer de l'application du Moxa. Paris, 4to.

1808. COTHENET, C. J. B. *Diss. méd.-chirurgicale sur le Moxa. Paris, 4to.

1809. CRETIN, J. *Propositions sur l'application et les effets du Moxa. Paris, 4to.

1817. PIOLLET, P. *Du Moxa et de son application au traitement de la Carie qui attaque les os du tronc. Paris, 4to.

1819. REGNAULT, J. B. Sur l'Hydrocéphale et sur l'emploi du Moxa tempéré dans le traitement de cette maladie. Paris, 8vo.

1821. ORTIGNIER, B. Essai sur le Moxa. Paris, 4to.

1821. AVERY, J. A. *De usu Moxæ. Edin. 8vo. *Bibl. Med.-Chir. Soc.*

1822. LARREY, BARON, D. J. On the use of the Moxa as a therapeutical agent. Translated from the French, with notes and an introduction containing a history of the substance, by Robley Dunglison. London, 8vo, pp. 224. *Bibl. Med.-Chir. Soc.*

Moxa was evidently Baron Larrey's grand hobby, and was regarded by him as cinchona was by Heberden—good in many diseases, bad in none. Of the octavo 319 pages of the Baron's 'Recueil des Mémoires de Chirurgie' (Paris, 1821), no less than 160 are devoted to the moxa. This portion of the work has been translated and published under the above title by Dr. Dunglison, and he has performed the task, not simply well, but in a masterly and interesting manner, incorporating and adding much original matter.—*Edin. Med. Surg. Journ.*, Jan., 1823, p. 118-129.

1823. VILDIEU, S. G. *Emploi du Moxa dans le traitement de Rhumatisme chronique. Paris, 4to.

1825. BOYLE, J. A Treatise on a modified application of Moxa in the treatment of Stiff and Contracted Joints, and also in chronic rheumatism, rheumatic gout, lumbago, sciatica, indolent tumours, &c. London, 8vo, pp. 168. Second ed. London, 1826, 8vo, pp. 220, pl. 2. *Bibl. Med.-Chir. Soc.*

For notice of this work, see Wallace, 1827, *infrà*.

1825. SARLANDIERE, —. Mém. sur l'Electro-puncture, et sur l'emploi du Moxa Japonais en France. Paris, 8vo. *Bibl. Coll. Surg. Lond.*

1826. HEYMANN, C. F. *De Moxa. Berol. 8vo, pp. 29.

1826. RIVALLIÉ, A. Sur le Croup et sur sa guérison par l'application du Moxa. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1827. WALLACE, W. A physiological enquiry respecting the action of Moxa and its utility in inveterate cases of Sciatica, Lumbago, Paraplegia, Epilepsy, and some other painful paralytic and spasmodic diseases of the nerves and muscles. Dublin, 8vo, pp. 148. *Bibl. Med.-Chir. Soc.*

Perhaps neither in the work of Mr. Boyle nor in that of Mr. Wallace will

the scrupulous inquirer find all the information and all the evidence he wishes to obtain. They are, however, the best that are at present to be found in the English language.—*Edin. Med. Surg. Journ.*, xxviii, 1827, p. 137.

1829. HENDERSON, F. C. *De usu Moxæ. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1831. IDELER, G. F. De Moxæ efficacia in animi morborum medela. Berol. 8vo. *Bibl. Coll. Surg. Lond.*

ARTEMISIA VULGARIS, Linn.

Mugwort.

1720. BAIER, J. J. *De Artemisia. Resp. G. E. Hermann. Altdorfii, 4to, pp. 24. *Bibl. Linn. Soc.; Banks.*

1775. STECHMANN, J. P. Diss. botanico-medica de Artemisiis. Gottingæ, 4to, pp. 59.

1825. RISLER, W. G. S. *De Epilepsia et de radice Artemisiæ vulgaris. Kiliæ, 4to, pp. 28.

1826. SCHAYER-ELIASON, J. *De Artemisia vulgari. Jenæ.

1826. DE VRIES REILING. *De Artemisia vulgari in Epilepsia remedio laudato. Groningæ, 8vo.

1826. VAN DER PANT, D. E. Specimen medicum de Artemisia vulgari, &c. Utrecht, 8vo, pp. 102.

1827. TOSETTI, P. J. De radice Artemisiæ vulgaris, remedio antiepileptico. Berlin, 8vo, pp. 32.

1834. MICHEL, R. W. Tentamen medico-botanicum de Artemisiis usitatis. Prague, 8vo, pp. 98.

ARUM MACULATUM, Linn.

Common Arum or Wake Robin.

1701. SCHELHASS, C. C. *De Aro. Præs. G. W. Wedel. Jenæ, 4to, pp. 36. *Bibl. Coll. Phys. Edin.*

1798. WEITSCH, J. C. De Aro maculato. Erlangæ, 4to. *Bibl. Roy.*

ASARUM EUROPÆUM, Linn.

Asarabacca officinarum.

1721. SCHEFFLER, J. C. *Diss. botanico-medica de Asaro. Præs. J. J. Baier. Altdorfi, 4to, pp. 20. *Bibl. Coll. Phys. Edin.; Banks.*

Ad hydropem herbam utiliter adhibuit.—*Haller, Bibl. Bot.*, ii, p. 81.

1739. SCHULZE, J. H. *De Asaro. Resp. J. C Heinz. Halæ, 4to, pp. 22. *Bibl. Banks.*

Collectaneæ.—*Haller, op. cit.*

1830. GRAEGER, J. N. Diss. physico-chemica de Asaro Europæo. Gottingæ, 8vo, pp. 31.

ASPARAGUS OFFICINALIS, Linn.

1715. Clericis, Ant. à. *De Asparago. Præs. J. J. Baier. Altdorfi, 4to, pp. 24. *Bibl. Banks; Acad. Edin.*

1778. Franz, J. G. F. *De Asparago ex scriptis medicorum veterum. Lipsiæ, 4to, pp. 42. *Bibl. Banks.*

1826. Bresler, M. *Generis Asparagi historia naturalis atque medica. Berolini, 8vo, pp. 46.

ASSAFŒTIDA, vel ASAFŒTIDA.

1763. Gmelin, S. T. De analepticis quibusdam nobilioribus a Cinnamomo, Aniso stellato et Asafœtida. Tübingæ, 4to. *Bibl. Med. Soc. Lond.; Radcliffe.*

1769. Millar, J. Observations on the Asthma and the Hooping Cough. London, 8vo. German transl. by C. C. Krause, Leipzig, 1769, 8vo. *Bibl. Med.-Chir. Soc.*

The object of this work is to illustrate the efficacy of assafœtida in asthma and hooping-cough. The author also enlarges on the Laser of the ancients.—*Vide Haller, Bibl. Bot.*, ii, p. 602.

1778. Pundt, J. *Diss. de Asafœtida. Göttingæ, 4to, pp. 22. *Bibl. Banks.*

1786. Eccard, M. T. De virtutibus quibusdam...Asafœtidæ, &c. *Vide* "Viola tricolor," 1786.

1789. Trommsdorf, J. B. Chemische Zergliederung des stinkenden Asands. (Ex *Act. Acad. Mogunt.* 1788-9.) Erfordii, 4to. *Bibl. Banks.*

1809. Bovis, J. De Assa fœtida. August. Taurin. 4to.

1840. Koeck, W. T. De Assa fœtida. Vindob. 8vo, pp. 32.

1841. Zangarini, G. *De Asa fœtida. Patav. 8vo, pp. 92.

1842. Panzeri, A. *De Asafœtida. Patav. 8vo, pp. 34.

1855. La Ferla, G. Sull' uso della Gomma-resina d'Asa-fœtida. adoperata per prevenire la morte de feto nelle gravidanze morbose cagionate da inerzia dell' utero. Malta, 8vo, pp. 29. *Bibl. Med.-Chir. Soc.*

1868. Déniau, P. C. F. Le Silphium (Asa-fœtida), précédé d'un mémoire sur la famille des Ombellifères considérée au point de vue économique, médical et pharmaceutique, et d'observations sur les gommes-résines. Paris, 8vo, pp. 168. *Bibl. Pharm. Soc. Lond.*

ASTRAGALUS EXSCAPUS, Linn.

1789. Endter, H. C. G. *De Astragalo exscapo Linnæi. Gottingæ, 8vo, pp. 25. *Bibl. Banks.*

1789. Wegerich, F. G. *Diss. de Astragali exscapi radice. Erfordiæ, 4to. *Bibl. Coll. Phys. Edin.*

1790. Tietz, J. A. L. *De virtute Astragali exscapi antivenerea, memorabili exemplo confirmata. Traject. ad Viad. 4to, pp. 16.

ATHAMANTA OREOSELINUM, Linn.

Black Mountain Parsley.

1751. TROELTZSCH, G. C. *Diss. de Oreoselino. Præs. C. C. Schmidel. Erlangæ, 4to, pp. 42. *Bibl. Linn. Soc.; Med.-Chir. Soc.*

Planta fuse descripta: synonymia, destillatio, extractum spirituosum, vinosum, aquosum. Oleum nullum nisi empyreumaticum, ad vires medicas aliqua.—*Haller, Bibl. Bot.*, ii, p. 365.

ATRACTYLIS GUMMIFERA, Linn.

1867. LEFRANC, E. Des Chameléons noir et blanc des Anciens. (Cardopatium orientale, *Bory et Spach.*, Atractylis gummifera, *Linn.*), botanique et matière médicale. Paris, 8vo, pp. 32.

1873. LEFRANC, E. De l'Acide Atractylique, ou Atractylidivalérosulfurique, produit immédiat de la racine de l'Atractylis gummifera (Carlina gummifera de G. Bauhin). Seconde Mémoire. Paris, 8vo, pp. 13.

1875. RINALDI, —. Recherches toxicologiques sur un cas d'empoisonnement probable par la racine d' l'Atractylis gummifera. Constantine, 8vo, pp. 22.

ATROPA BELLADONNA, Linn.

Belladonna. Deadly Night Shade.

1677. FABER, J. M. Strychnomania, explicans Strychni manici antiquorum, vel Solani furiosi recentiorum, historiæ monumentum, indolis nocumentum, antidoti documentum. August. Vindel. 4to, pp. 107, tab. 13. *Bibl. Banks; Linn. Soc.*

Belladonnæ baccis intoxicati pueri perierant anno 1667, similes tredecim historias auctor recenset, tum collectas alias. Inde describit et depingit plantas plusculas tribus Solanaceæ, Belladonnam etiam potissimum, suis cum effectis, et medendi methodo describit.—*Haller, Bibl. Bot.*, i, p. 598.

1691. MARDORF, J. J. *De maniacis nuper Giessensibus a Solano furiosa. Giessæ, 4to.

Mania inde et epilepsia, sanata vomita.—*Haller, Bibl. Bot.*, i, p. 649.

1724. SICKEL or SICELIUS, C. K. Diatribe botanico-medica de Belladonna seu Solano furioso. Jenæ, 4to, pp. 48. *Bibl. Banks.*

De symptomatibus ex usu radicum per errorem in Cichorio mixtarum.—*Haller, Bibl. Bot.*, ii, p. 192.

1739. ALBERTI, M. *De Belladonna tanquam specifico in Cancro imprimis occulto. Resp. F. C. Oetinger. Halæ, 4to, pp. 35. *Bibl. Banks*

Cum succo expresso experimenta varia fecit. Ad cancrum laudat. Junkero etiam in aperto cancro bene cessisse testatur, et exempla producit.—*Haller, Bibl. Bot.*, ii, p. 154.

1760. COSTE, C. *Utrium in Cancro Belladonnæ usus tum internus, tum externus? Affirmat. Præs. F. C. Bellot. Paris, 4to.

1765. TIMMERMANN, T. G. *Periculum medicum Belladonnæ. (*Sandifort, Thesaur. Dissert.*, vol. iii, p. 291.)
Rintelii, 4to. pp. 35. *Bibl. Med.-Chir. Soc.* (Sandifort).

A Brunnero Gothano archiatro et Spæthio Wisbadensi vis medica Belladonnæ ad Junkerum pervenit, et Timmermanni patrem, cujus hic aliquæ curationes recensentur, ut scirrhi cancrosi mammæ, sed et aliæ minus felices. Sopit utique et cæcitatem facit.—*Haller, Bibl. Bot.*, ii, p. 559.

1776. DARIES, P. J. A. *De Atropa Belladonna. Præs. A. W. Plaz. (In *Baldinger, Syllog. Select. Opusc.*, ii, p. 58.)
Lipsiæ, 4to, pp. 40. *Bibl. Med.-Chir. Soc.; Radcliffe.*

1781. MÜNCH, B. F. De Belladonna efficaci in Rabie Canina remedio. Idem in *Frank's Delectus Opusc. Med.* vol. i, p. 250.
Gottingæ, 8vo, pp. 47. *Bibl. Med.-Chir. Soc.* (Frank).

1782. ANDRY, —. *L'efficacité de la Belladone contre la Rage.
Paris, 4to.

1783. MÜNCH, B. F. Diss. med. sistens observationes practicas circa usum Belladonnæ in Melancholia, Mania et Epilepsia. (In *Frank. Delect. Opuscul.* i, No. 7.) Gottingæ, 8vo, pp. 32. *Bibl. Roy.*

A collection of cases treated by the author and his father in which belladonna was employed with singular success; it is not recommended as a specific in nervous and mental affections, but rather as a palliative and in many cases a curative agent.—See *Duncan's Med. Comment.*, xii, 1788, p. 137.

1785. MÜNCH, B. F. Praktische Abhandlung von der Belladonna.
Gottingæ, 8vo, pp. 408, t. 2.

1785. BUCHHAVE, R. Experimenta circa radicem Atropæ Belladonnæ in Tussi Convulsiva et aliis quibusdam morbis. Hafniæ, 8vo. German transl. Gottingæ, 1795, 8vo.

After detailing his observations on the use of belladonna on the human system, he records several cases in which in his hands it proved beneficial, especially in hooping-cough, in which he found it signally useful.—Vide *Duncan's Med. Comment.*, xviii, 1793, p. 128-140.

1789. LUDWIG, J. F. *De Belladonna ejusque usu in Vesania.
Jenæ, 4to, pp. 24. *Bibl. Roy.*

1789-1795. MÜNCH, J. H. Beobachtungen bei angewendeter Belladonna bei den Menschen. 2 vols. 4to.

1795. MICKWITZ, —. *De usu Belladonnæ in morsu canis rabidi observationibus probato. Jenæ, 4to.

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Professor Himly, of Brunswick, appears to have been one of the first who recognised or appreciated fully the value of belladonna in the treatment of eye diseases. An abstract of his useful practical observations is given in *Bayle, Bibl. Therapeutique*, ii, p. 445.

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Mr. Blackett, not content with the position generally assigned to bella-

donna as a useful sedative, here steps forward to vindicate its claims to a higher rank in the class of drugs, and to its more general adoption in medical practice. Although he evidently writes with perfect good faith, it is equally evident that he has allowed his feelings of favoritism for this drug to outride his discretion. *Vide* review in *London Med. Phys. Journ.*, lvii, 1827, p. 73-75.

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1833. DELEAU, M. T. Mémoire sur l'emploi des Cataplasmes de Belladonne dans les Névralgies. Paris, 8vo.

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1835. GARDAVEIN, T. *Coup d'œil sur la Belladone et ses effets. Montpellier, 4to.

1837. PACINI, L. Lettera dell' efficacia dell' unguento di Atropa Belladonna nell' Ernie incarcerate. Pisa, 8vo.

1839. WALSER, F. X. De Atropa Belladonna. Monachii, 8vo, pp. 24.

1840. MEOLA, J. B. Del modo di ridurre l'Ernie incarcerate, e di risolvere o suppurare le principali Inflammazione esterne coll' unguento di Belladonna. Napoli, 8vo.

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1853. SCHNEIDER, H. G. Handbuch der reinen Pharmakodynamik, 1 Lfg., S. 129-256, Die Belladonna, &c. Magdeburg, 8vo.

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1856. CAZIN, F. J. Monographie médico-pratique et bibliographique de la Belladone.
Bologne-sur-Mer, 8vo, pp. 61. *Bibl. Med.-Chir. Soc.*

A compilation, containing a large mass of information on the medical uses of belladonna, drawn from a variety of sources. It constitutes the art. "Belladone" in this author's 'Plantes Médicales Indigènes' (second ed., 1858, p. 118-173). The word "bibliographique" in the title is calculated to mislead, for, though a large number of works are quoted from, there is no bibliography in the true or usual sense of the word.

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Paris, 8vo, pp. 104. *Bibl. Med.-Chir. Soc.*

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The desirable objects indicated in the title the author proposes to attain by means of the extract of belladonna, administered during the last two weeks of pregnancy or thereabouts, commencing with a dose of gr. ¼, and gradually increasing it to double or treble that quantity, the dose being regulated by its effects. From a tabular record of 147 cases in which this treatment was tried it appears that the results seem in some degree to speak favorably of the influence of belladonna on the duration of the first stage of labour, if it be silent in respect to any power it exercises in diminishing the attendant pain. Dr. Barker admits the necessity of further trials, in order to determine the powers of belladonna in these cases.—*American Journ. Med. Sci.*, Jan., 1862, p. 269.

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Paris, 4to. *Bibl. Med.-Chir. Soc.*

A memoir of considerable interest, containing valuable remarks on the use and action of belladonna. For abstract of these see *Practitioner*, Sept., 1868, p. 195-6.

1869. HARLEY, J. The old Vegetable Neurotics—Hemlock, Opium, Belladonna, and Henbane—their physiological action and therapeutical uses, alone and in combination. London, 8vo, pp. 355.

Dr. Harley's experiments and observations on the physiological effects and therapeutic applications of belladonna contain much that is novel and interesting. It is, according to his views, "in the *first place*, a direct and powerful stimulant to the sympathetic nervous system, or, in other words, to the heart and blood-vessels; *secondly*, it is a potent diuretic; *thirdly*, by virtue of a direct action on the nerve-centres, and of its stimulant effect on the circulation, it is an oxidizing agent; *fourthly*, it possesses powerful anodyne and hypnotic properties; and, *fifthly*, it is a most valuable antispasmodic" (p. 244). In arriving at these results Dr. Harley used, in some instances, the tincture and "succus" internally; in others, atropia subcutaneously injected. Even more interesting and important are the author's remarks on the combination of atropia with the opium alkaloids. "The evidence of their antagonism," he concludes, "in any given case is inconclusive."

1869. ABEILLE, —. L'Opium est l'antidote de l'empoisonnement par la Belladonna. Paris, 8vo, pp. 52.

1870. VERGELY, P. De l'emploi de la Belladone à haute dose dans le Rhumatisme Articulaire Aigu. Bordeaux, 8vo, pp. 32.

ATROPA MANDRAGORA, Linn.

Mandragora. The Mandrake.

1639. CATELAN, L. Rare et curieux discours de la plante appelée Mandragore. Paris, 12mo.

1655, SCHMIDELIUS, J. *De Mandragorâ. Disput. physiologica. Præs. J. Thomasius. Lipsiæ, 4to. Ed. alt. 1669, 1671, 1739.
Bibl. Banks (ed. 1761, 1739).

Philologus, ostendit esse Dudaim Mosis.—*Haller, Bibl. Bot.*, i, p. 490.

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This and the preceding treatise are the same, according to Pritzel, but Haller treats of them as separate works.

1778. GLEDITSCH, J. G. Sur la Mandragore, dont l'histoire a été familière dans l'antiquité. (*Mém. de l'Acad. de Berlin*, 1776, p. 36.)

1835. BERTOLONI, A. Commentarius de Mandragoris. Bononiæ, 4to. (Botanical?) *Bibl. Linn. Soc.*

1848. SILVESTER, T. H. On the ancient administration of the Atropa Mandragora, &c., to prevent the pain of surgical operations. London, 8vo. (Ex *Lond. Med. Gaz.*, 1848; *vide Pharm. Journ.*, May 1, 1848, p. 519.) *Bibl. Med.-Chir. Soc.*

Contains much curious information.

1873-4. RICHARDSON, B. W. Researches on the toxicological action of Atropa Mandragora. (In *Brit. and For. Med.-Chir. Rev.*, Jan., 1873, p. 241, and Jan., 1874, p. 242.)

Very interesting communications.

1875. SERRES, C. Recherches sur la constitution chimique de la Mandragore. Paris, 8vo, pp. 46.

ATROPIA. ATROPINE.

1842. SCHOTTEN, L. F. T. *De effectu Atropii. Marburgi, 8vo, pp. 36.

1846. PFITZNER, L. *Diss. de Atropino. Vratislaviæ, 8vo, pp. 30.

1856. HARLEY, G. On the physiological action of Atropine in dilating the Pupil. Edin. 8vo. *Bibl. Med.-Chir. Soc.*

1866. TEALE, T. PRIDGIN. On the relative value of Atropine and of Mercury in the treatment of Acute Iritis. (Ex *Ophthalmic Hospital Reports.*) London, 8vo. *Bibl. Med.-Chir. Soc.*

1867. BEZOLD, A. VON, und BLOEBAUM, F. Ueber die physiologischen Wirkungen des schwefelsauren Atropins. (In *Untersuchungen aus dem physiolog. Laboratorium in Würzburg*, Heft. i.) Leipzig.

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A highly interesting and instructive paper.

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1872. FRASER, T. R. On the antagonism between Physostigma and Atropia. See "Physostigma," 1872.

1872. LEFORT, J. *Mémoire sur la répartition de l'Atropine dans la feuille et la racine de la Belladone. Lu à l'Acad. de Méd., Nov. 21, 1871, et Fev. 23, 1872. Paris, 8vo, pp. 13.

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Gold and its Preparations.

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The apology and defence were likewise published in English, 1616, 4to.

In answer to this noted empiric, Dr. Matthew Gwinne published 'Aurum non Aurum,' London, 1611, 4to (*Bibl. Med.-Chir. Soc.*), and Dr. Cotta 'The Anti-Apology,' Oxford, 1623, 4to.—*Lowndes.*

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1630. SENNERTUS, D. Diss. de medicinâ universali et Auro potabili. Wittemberg, 4to. *Bibl. Med.-Chir. Soc.*

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1632. AMTHOR, C. Chrysioscopion seu Aurilogium. Jenæ, 4to. *Bibl. Med.-Chir. Soc.; Radcliffe.*

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1685. CASSIUS, DIONYSIUS. De natura Auri. Hamburgi, 8vo. *Bibl. Coll. Phys. Edin.*

1690. MORHOF, D. G. De Auro. Kiel, 4to.

1702. FRICK, J. Diatribe medico-spagyrica de Auro potabili, &c. Hamburgi, 4to.

1703. HELVIG, C. DE. Εκλογαι φυσικιατρικαι de Auro ejusque in medicinâ viribus. Gryphiswald. 4to.

1705. MERCH, C. De Auro et ejus in medicina viribus. Gryphiswald. 4to.

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1811. CHRESTIEN, J. A. De la méthode Iatraleptique, &c., et sur un nouveau remède dans le traitement des Maladies Vénériennes et Lymphatiques. Paris, 8vo, pp. 464. Alt. ed. 1815.

The new remedy which forms the subject of M. Chrestien's encomiums is gold, various preparations of which rubbed upon the gums or other absorbing surface after the iatraleptic method, and also taken internally, he employed in a large number of syphilitic and scrofulous cases with great alleged benefit. See *Edinburgh Med. Surg. Journ.*, xi 1815, p. 239-243.

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1819. DESTOUCHES, —. *Sur l'efficacité du Muriate triple d'Or et de Soude dans la Syphilis et d'autres maladies lymphatiques. Montpellier, 4to.

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1821. NIEL, J. G. Rech. et obs. sur les effets des préparations d'Or du M. Chrestien dans le traitement de plusieurs maladies et notamment des Maladies Syphiliques, publiées par J. A. Chrestien. Paris, pp. xxxviii, 8vo, 391. German transl. Leipzig, 8vo, 1823. *Bibl. Coll. Phys. Edin.*

At page 345 is the report of M. Percy on M. Chrestien's two memoirs communicated to the Institute in 1814, and at page 85 the report of E. Delafield of New York, published in 1817, which is printed also in the thesis of Dr. Destouches.—*Mérat et De Lens.*

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1826. SAPHIR, S. *De Auro ejusque præparatis. Pestini, 8vo, pp. 23.

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1829. ZERNENTSCH, F. *De usu Auri in morbis syphiliticis. Berol. 8vo, pp. 43.

1834. BOUNAUD, J. *Quelques mots sur l'emploi de l'Or en médecine. Montpellier, 4to.

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1834. TIMPE, L. B. *De Auri Muriatici in morbis Syphiliticis usu. Berol. 8vo, pp. 82.

1835. CHRESTIEN, J. A. Quelques faits relatifs à l'emploi thérapeutique des préparations Aurifères. Montpellier, 8vo.

1835. KARHAN, —. *De Auro. Vindob. 4to, pp. 125.

1835. NICOLLE, J. C. *De l'Or comme moyen thérapeutique dans les Maladies Vénériennes. Paris, 4to.

1836. FIGUIER, O. Mémoire sur le Cyanure d'Or. Montpellier, 8vo, pp. 52.

1837. LEGRAND, A. De l'Or dans le traitement des Scrofules. (Ex *Bull. de Thérap.* xv, p. 24.) Paris, 8vo.

1839. DUHAMEL, —. Considérations pratiques sur les maladies Scrofuleuses et leur traitement par les préparations d'Or. Paris, 8vo.

1842. ORFILA, M. J. B. Mémoire sur l'absorption des sels de Plomb....d'Or, &c. Paris, 8vo, pp. 20.

1849. LEGRAND, A. De l'action des préparations d'Or sur notre économie. Paris, 8vo.

1851. LEGRAND, A. *De l'Or dans le traitement des maladies Scrofuleuses des Os. Paris, 8vo, pp. 154.

1870. CHRESTIEN, A. T. De l'efficacité de l'Or, et de ses diverses préparations contre la Syphilis et la Scrofule. Montpellier, 8vo, pp. 26.

BALLOTA LANATA, Linn.

1832. BRERA, V. L. Del valore della Ballota lanata, *L.*, per la cura delle affezioni reumatiche, artritiche e gottose.
Modena, 4to, pp. 21, tab. i.

For an abstract of Prof. Brera's observations see *Brit. and For. Med. Rev.*, April, 1836, p. 566.

BALSAMODENDRON GILEADENSE, Kunth,

Including its products, Opobalsamum, Carpobalsamum, Xylobalsamum, Balm of Mecca, Balm of Gilead, etc.

1530. PEREZ, G. De Balsamo, y de sus utilidades para les enfermedades del cuerpo humano. Seville, 4to.

1585. PERIN (or PERRIN), JOHN. The Vertue of Balsams, &c.
London, 8vo.

1592. ALPINUS (PROSPER). De Balsamo Dialogus; in quo verissima balsami plantæ, Opobalsami, Carpobalsami et Xylobalsami cognitio elucescit. Venetiis, 4to. Ed. alt. ibid. 1592, et Patavii, 1639; French transl. by Colin, Lyons, 1619.
Bibl. Banks.; Radcliffe (ed. 1639).

1596. CHIOCCO, A. De Balsami natura et viribus, &c., Carmen.
Veronæ, 4to.

1598. LOBELIUS, vel L'OBEL, M. Balsami, Opobalsami, Carpobalsami et Xylobalsami cum suo cortice explanatio.
London, 4to, pp. 40. *Bibl. Banks.*

1603. GUIBERT, N. De Balsamo ejusque lachryma quod Opobalsamum dicitur. Argentorati, 8vo.

1620. MUTONUS, N. De Mithridatii constructione, cum auctario de Opii usu et de Opobalsamo per M. Döringium. Jenæ, 12mo.
Bibl. Med.-Chir. Soc.

1623. PONA, G. Del vero Balsamo degli antichi.
Venezia, 4to, pp. 54. *Bibl. Banks.*

1640. DONZELLI, G. Lettera sopra l'Opobalsamo Orientale, &c.
Neapoli, 4to. *Bibl. Banks.*

1640. BALDUS, B. Opobalsami Orientalis propugnationes medicæ.
Romæ, 4to, pp. 69. Italian transl. Rome, 1640.
Bibl. Med. Soc. Lond.; Banks.

1640. CASTELLI, P. Opobalsamum. Venet. 4to, pp. 163.
Bibl. Banks.

1640. CASTELLI, P. Opobalsamum triumphans.
Venet. et Basil. 4to, pp. 54. *Bibl.; Linn. Soc. Banks.*

1640. CAMPI, B. Al Signor A. Manfredi in risposta ad alcune objettioni fatte nel lib. nostro del Balsamo dal Sig. Stef. de Gaspari. Lucca, 4to, pp. 18. *Bibl. Banks.*

1641. PERLA, F. De Orientali Opobalsamo in Theriacæ confectione adhibito. Romæ, 18mo, pp. 214. *Bibl. Med.-Chir. Soc.; Banks.*

1642. PITORIUS, P. Opobalsami Romani censura. Berolini, 8vo, pp. 86. *Bibl. Banks.*

1643. DONZELLI, G. Synopsis de Opobalsamo Orientali. Neapoli, 4to.

1644. VESLING, J. Opobalsami veteribus cogniti vindiciæ. Patavii, 4to, pp. 105. Impr. cum Prosperi Alpini operum posthumorum vol. ii. Lugd. Bat. 1735. *Bibl. Med. Soc. Lond.; Banks.*

1644. VOLCKAMER, J. G. Opobalsami Orientalis examen. Norimbergæ, 12mo. *Bibl. Med. Soc. Lond.; Banks.*

1683. WAGNER, G. F. *Discursus de Balsamo. Resp. C. Woschkius. Regiomonti, 4to. *Bibl. Banks.*

1705. SLEVOGT, J. H. *Balsamum verum quod vulgo Opobalsamum dicitur. Resp. J. F. Weissmann. Jenæ, 4to, pp. 31. *Bibl. Bnnks.*

1711. HIAERNE, U. De Xylobalsami usu et virtute. Stockholm, 8vo. Ibid., 1720.

Arcanum balsami vendebat.—*Haller, Bibl. Med. Pract.*, iii, p. 375.

1717. SLEVOGT, J. H. *De Opobalsamo. Resp. J. Heinsius. Jenæ, 4to, pp. 33. *Bibl. Banks.*

1720. VATER, A. De Balsami de Mecca naturâ et usu. Wittenberg, 4to. *Bibl. Banks.*

1722. AMATI, M. De Opobalsami specie ad sacrum chrisma conficiendum requisita. Neapoli, 8vo.

1726. LOESCHER, W. G. *Balsamum de Mecca. Resp. J. G. Nicolai. Vitembergæ, 4to, pp. 24. *Bibl. Banks.*

1745. WINNEKEN, C. Beschreibung des wahren Opobalsambaumes. Copenhagen, 8vo.

1763. VOGEL, R. A. De verioribus Balsami Meccani notis programma. Gottingæ, 4to, pp. 15. Idem in *Schlegel, Thes. Mat., Med.*, vol. ii, art. xiv p. 33. *Bibl. Med.-Chir. Soc.; Banks; Coll. Phys. Edin.*

Pharmacological: deals only with signs and tests of purity.

1764. LINNÆUS, C. *Opobalsamum declaratum. Resp. G. Le Moine. Upsaliæ, 4to, pp. 18. *Bibl. Linn. Soc.; Banks.*

1774. CARTHEUSER, J. F. *De Opobalsamo. Resp. P. Ely. Francofurti, 8vo, pp. 79. *Bibl. Banks.*

1814. STACKHOUSE, J. De Libanote Smyrna et Balsamo Theophrasti notitiæ. Oxon. 8vo. *Bibl. Linn. Soc.*

Dr. Stackhouse likewise published 'Extracts from modern authors respecting the Balsam and Myrrh Trees."—Bath, 1815, 8vo. Both works evidence considerable learning and research.

BALSAMUM PERUVIANUM, Balsam of Peru.

BALSAMUM TOLUTANUM, Balsam of Tolu.

1620. DORINGIUS, J. M. Diatribe de Opobalsamo Syriaco...Peruviano, Tolutano et Europæo. Jenæ, 8vo, pp. 102. *Bibl. Roy.*

1698. (Anon). A book of the virtues and uses of the Balme of Chili. London, 12mo?

1703. HOFFMANN, F. *De Balsamo Peruviano ejusque viribus et usu. Resp. J. Lehmann. Halæ, 4to, pp. 28. Idem, Halæ, 1706. *Bibl. Coll. Phys. Edin.; Banks.*

Experimenta cum reagentibus, analysis. Utile in atonia, nervis dejectis, fluore albo, ulceribus.—*Haller, Bibl. Med. Pract.*, iii, p. 556.

1707. LEHMANN, J. C. *De Balsamo Peruviano nigro. Resp. S. Schmiderus. Lipsiæ, 4to, pp. 40. *Bibl. Coll. Phys. Edin.? Banks.*

Multa experimenta cum eo balsamo instituit, laudabili omnino exemplo. —*Haller, Bibl. Bot.*, ii, p. 84.

1718. HADLEY, H. *De Balsamo Peruviano. Lugd. Bat. 4to, pp. 13. *Bibl. Roy.*

Analysin et experimenta habet.—*Haller, Bibl. Bot.*, ii, p. 148.

1869. KOCHLER, J. Ueber den Perubalsam. Vienna, 8vo, pp. 8.

BAPTISTA TINCTORIA.

1872. BAYES, W. Typhoid Fever. Some account of Baptista tinctoria, the new remedy for the disease. With cases. London, 8vo, pp. 35.

BARIUM.

Barytes and its Salts.

1792. GOERLING, J. S. *De Terra ponderosa salita. Erfordiæ, 4to, pp. 16.

1792. HUFELAND, C. W. Erfahrungen über alle Kräfte und den Gebrauch der salzsauren Schwererde in verschiedenen Krankheiten. Erfordiæ, 4to, pp. 42.

1792. BUCHOLZ, C. F. Chem. Untersuchungen über die vorgeblich giftigen Eigenschaften des Witherits, der Schwererde und der salzsauren Schwererde. Weimar, 8vo. *Bibl. Roy.*

1793. PETERMANN, J. F. *De Terra ponderosa salita ejusque usu medico. Jenæ, 4to, pp. 39. *Bibl. Coll. Phys. Edin.*

1793. KLOHSS, J. L. Med. Bemerkungen über die Wirkung und Gebrauch der salzsauren Schwererde. Zerbst. 8vo. *Bibl. Roy.*

1793. BERNIGAV, —. Obs. de corticis Ulmi et Terræ ponderosæ silitæ usu medico. Erford. 4to.

1793. SCHMIDT, J. A. *De Baryte muriato. Lipsiæ, 8vo. *Bibl. Med.-Chir. Soc.*

1794. VAN DER BANK, J. F. Spec. sistens observationes de Baryta et salibus Baryticis. Traject. ad Rhen. 4to. *Bibl. Roy.*

1794? MONS, J. B. VAN. De preparatione atque usu chimico et medico Muriatis Barytæ. Brussels?

1794. HUFELAND, C. W. Darstell. der med. Kräfte und des Gebrauchs der salzsauren Schwererde in Krankheiten, &c. Erfordiæ, 8vo. *Bibl. Roy.*

Hufeland employed the chloride of barium with great benefit in all forms of scrofula, especially in excited and inflamed conditions (particularly in delicate and sensible parts, as of the lungs and eyes), in painful ulcers, cutaneous affections, &c. (*Pereira*, i, p. 613.) The use of the chloride in scrofula was introduced by Dr. A. Crawford in 1790. See *Duncan's Med. Comment.*, decade ii, vol. iv, p. 433.

1794. ALTHOF, L. C. De efficacia Terræ ponderosæ salitæ in praxi observata. Gottingæ, 4to, pp. 16.

1794. SCHMIDT, J. A. De Barytis muriatici historia medica. Hamburgi, 8vo.

1797. STINSTRA, G. *De Muriatis Barytæ, vulgo Terræ ponderosæ salitæ usu medico. Groningæ, 8vo, pp. 43. *Bibl. Roy.*

1802. FOURNIER DE PASCAY, F. *Sur les Scrofules, avec observations sur les bons effets du Muriate de Baryte dans les Affections Scrofuleuses. Strasbourg, 4to.

1805. GADOLIN, J. *Diss. de Sulphate Barytæ, &c. Resp. C. P. Cavander. Aboæ, 4to. *Bibl. Lin. Soc.*

1809. SCASSI, O. A. Diss. sull' uso del Muriato del Barito. Genoa, 8vo.

1815. GRIFFA, M. S. Disputatio Academica [de Muriate Baritæ, &c.]. Augustæ Taurin. 8vo. *Bibl. Med.-Chir. Soc.*

1825. GMELIN, C. G. On the Operation of Barytes on the Human Organism, &c. Tübingen, 8vo.

Rev. in *Edin. Med.-Surg. Journ.*, xxvi, 1826, p. 132. See "Metals," Part I.

1836. PIRONDI, S. De la Tumeur blanche du Genou, et de la manière de la guérir spécialement par le Muriate de Baryte. 2nd ed. Paris, 8vo, pp. 142.

1841. PAYAN, P. S. Mémoire sur l'Hydrochlorate de Baryte dans les Maladies Scrofuleuses. Aix, 8vo.

1851. CHAPONNIER, —. Guérison des Scrofules, de la Carie des Os, et des Dartres lymphatiques, au moyen du Carbonate de Baryte et après que tous les traitements ont échoué. Paris, 8vo.

BEBEERINE.

Alkaloid of Nectandra Rodieii, Schomb.

1835. HALLIDAY, Sir A. On the Bebeeru Tree of British Guiana and Sulphate of Bebeerine, the former a substitute for Cinchona, the latter for Sulphate of Quinine. (Ex *Edin. Med. Surg. Journ.*, xliv, 1835, pp. 546.)

Contains an account of Mr. Hugh Rodie, a retired navy surgeon, who settled at Demerara in 1814, to whom is due the credit of discovering, not only the febrifuge properties of bebeeru bark, but its alkaloid. It was after him that the tree (Nectandra Rodieii) received its specific name.

1845. MACLAGAN, D. On the medical properties of Bebeerine. (Ex *Edin. Med. Surg. Journ.*, April, 1846, pp. 359-387.) Edin. 8vo, pp. 29. *Bibl. Coll. Surg. Lond.*

An able paper, containing a full account of this principle and of its use in intermittent and other periodic fevers, and in the various forms of neuralgia, tic douloureux, &c.

1860. JABLONOWSKI, J. De Santonini, Bebeerini, &c., intra organismum humanum rationibus. Dorpati, 8vo, pp. 47.

BEGONIA. Vide AGAVE.

BELLADONNA. Vide ATROPA BELLADONNA.

BENZIN.

1848. SIMPSON, Sir J. Y. Notes on the anæsthetic effects of... Benzin, &c. *Vide* "Anæsthetics," 1848.

BENZOIN and BENZOIC ACID.

1597. GUIBERT, N. *Vide* "Myrrh," 1597.

1793. THUNBERG, C. P. *De Benzoë. Resp. J. N. Ahl. Upsaliæ, 4to, pp. 7. *Bibl. Linn. Soc.; Banks.*

1801. RAU, G. H. *De Acido Benzoico memorabilia quædam. Erlangæ, 8vo.

1867. MECKER, F. Ueber die von Benzoësäure sich ableitenden isomeren Verbindungen. (Chemical.) Göttingen, 8vo, pp. 34.

1874. GOSSELIN et ROBIN, MM. Traitement de la Cystite Ammoniacale par l'Acide Benzoïque. Paris, 8vo, pp. 23.

1875. FLECK, KOLBE, and MEYER. On Benzoic Acid as a disinfectant and antiseptic. *Vide* "Disinfectants," 1875.

BERBERINE, etc.

Bitter principle of species of Berberis, etc.

1851. GUENSTE, F. G. H. *De Columbino et Berberino. Marburgi, 8vo.

1853. PEPPER, W. On the use of Berbeerine and Cinchonia in the treatment of Intermittent Fevers. Philadelphia, 8vo.

BETONICA OFFICINALIS, Linn.

Wood Betony.

1474. MUSA, ANTONINUS. Liber de Herba Vetonica. Romæ, 4to. *Bibl. Med.-Chir. Soc.*

Doubts exist as to the authorship of this work. On this point Pritzel remarks, "Antonio Musæ falso adscriptus liber de herba Vetonica sistit caput primum hujus operis de medicaminibus herbarum, et fere in omnibus ejus editionibus exstat. Quis vero autor fuerit ambigitur. Lucius Apulejus et Apulejus Celsus certe non sunt. Sprengel ('Gesch. der Bot.,' i, p. 184) credit inscii seculi xi aut xii monachi esse qui pro temporis more clarum antiquitatis nomen adfectavit."—*Thesaurus Lit. Bot.*, p. 7.

1716. EYSEL, J. P. De Betonica. *Resp. J. Bleeck. Erfordiæ, 4to, pp. 20. *Bibl. Banks.*

——. DU PEYRAT. La Betoyne. 8vo, sine loc. et ann.

BETULA ALBA, Linn.

1707. Koënigsmann, A. L. De antiquitate Betulæ, &c. Kiliæ, 4to.

1728. Leopold, J. D. *Discursus medico-botanicus de Betula. Præs. E. Camerarius. Tubingæ, 4to, pp. 26. *Bibl. Banks.*

BIGNONIA CATALPA, Linn.

1803. Holmes, R. *On the properties of Bignonia Catalpa, *Linn.* Philadelphia, 8vo.

1834. Klement, E. *Diss. medico-ophthalmiatrica de Bignonia Catalpa, adnexis historiis morborum. Prague, 8vo, pp. 28.

BISMUTHUM,

Bismuth and its Salts.

1697. Jacobi, J. F. *De Bismutho. Erfordii, 4to.

1739. Pott, J. H. Obs. chymicæ, præcipue circa Sal commune et Wismuthum. Berol. 4to. *Bibl. Med.-Chir. Soc.*

1792. Kercksig, F. D. *Observationes et experimenta circa usum Calcis Zinzi et Bismuthi. Halæ, 8vo, pp. 47. Idem in *Schlegel, Thes. Mat. Med.* ii, p. 291. *Bibl. Med.-Chir. Soc.* (Schlegel).

Contains many experiments made with the view of ascertaining the physiological action and medical use of bismuth. The author details two cases of hysteria, and one of cardialgia, amongst others, cured by its means. He also notices its supposed anthelmintic virtues, and its use externally, in the form of ointment, in cutaneous diseases, ulcers, &c.

1794. Brohm, C. C. *De usu Magisterii Bismuthi medico. Jenæ, 4to.

1796. Pröbsting, J. C. G. *De Magisterio Bismuthi. Erlangæ, 8vo, pp. 56.

1811. Moore, S. W. On the medical virtues of the White Oxyde of Bismuth. New York, 8vo, pp. 39.

1823. Resler, —. *De Nitratis Bismuthi utilitate in morbis quibusdam curandis. Groningæ, 4to.

1831. Ceresa, C. von. Über die epidemische Brechruhr, (Cholera morbus); nebst einem Nachtrag über das Magisterium Bismuthi. Vienna, 8vo.

1832. Leo, L. Über die Natur und Behandlung der Asiatischen Brechruhr mit besonderer Beziehung auf die Anwendung des Wismuths gegen dieselbe. Warsaw, 8vo, pp. 95.

The confident manner in which Dr. Leo in this treatise recommends the subnitrate of bismuth as an almost infallible remedy for cholera at once directed the attention of physicians, particularly in the north of Europe, to it, and it was extensively tried and found wanting.—*Amer. Journ. Med. Sci.*, xvi, 1835, p. 363.

1842. Orfila, M. J. B. Mémoire sur l'absorption des sels de Plomb, de Bismuth, &c. Paris, 8vo, pp. 20.

1843. Arppe, A. E. Diss. de Jodeto Bismutico. Helsingforsiæ, 8vo.

1855. MONNERET, E. De l'emploi du Sous-azotate de Bismuth à haute dose dans le traitement de diverses maladies.
Batignolles, 8vo, pp. 32.

1857. GIRBAL, A., et LAZOWSKI, A. E. Du Sous-nitrate de Bismuth considéré au point de vue médical et toxicologique.
Montpellier, 8vo, pp. 52.

1860. MOURION, —. Traitement de la Blennorrhagie par les injections de Sous-nitrate de Bismuth. Paris, 8vo, pp. 20.

1865. RITTER, E. De quelques faits relatifs à l'histoire du Sous-nitrate de Bismuth. Strasbourg, 8vo, pp. 28.

1866. BRASSAC, P. J. M. Du Sous-nitrate de Bismuth, pharmacologie, toxicologie, physiologie et thérapeutique. (Ex *Archives de Méd. Navale*, 1866, pp. 161, 257, 359.) Paris, 8vo, pp. 50.

There is a paper by the same author on the treatment of tropical dysentery by the subnitrate of bismuth in *Bull. de Thérap.*, 1866, tom. lxxi, p. 344.

1866. BUISSON, L. *Étude sur le Sous-nitrate de Bismuth et de son emploi thérapeutique. Paris, 4to.

1866. CAILLEUX, A. *De la Métrite Granuleuse du Col Utérin, et d'un nouveau mode de traitement par l'Acide Chlorohydrique et le Sous-nitrate de Bismuth. Paris, 4to.

1869. MAILLOT, F. G. De l'emploi du Sous-nitrate de Bismuth à haute dose dans le traitement des affections dysentériques en Algérie. Paris; 8vo, pp. 3.

1873. POMIÈS, —. Note sur une Poudre Bismutho-calcaire.
Lyon, 8vo, pp. 15.

BITTÉRA et BITTÉRINE.

1857. DELIOUX DE SAVIGNAC. Du Bittéra, nouveau médicament fébrifuge proposé aux Antilles Françaises comme succédané du Quinquina. (Ex *Bull. de Thérap.*, 1856, vol. li, pp. 20, 60, 247.)
Batignolles, 8vo, pp. 38.

N. d. AMIC, J. C. G. Du traitement de la Cephalée nerveuse ou Migraine et de la Névralgie faciale par un nouveau médicament désigné sous le nom de Bittérine. Paris, 8vo, pp. 11.

BITUMEN AND BITUMINOUS SUBSTANCES.

1674. PILLINGEN, M. Z. De Bitumine et Ligno Fossili Bituminoso. Altenburg, 12mo. *Bibl. Med. Soc. Lond.*

1690. ARIOSTI, F. De Oleo Montis Zibinii seu Petroleo agri Mutinensis libellus, editus ab. Olig. Jacobæo. Hafniæ, 8vo.
Bibl. Roy.

1761. DU BLÉ, C. L. L. De Bitumine. Lugd. Bat. 8vo.
Bibl. Med. Soc. Lond.

1769. HEALDE, T. Two papers on the use of Oleum Asphalti in Ulcers of the intestines, lungs, and viscera. London, 8vo.
Bibl. Med.-Chir. Soc.

1805. LEMKE, W. *De Bituminibus variis. Halæ, 4to.
Bibl. Roy.

1830. WILKINSON, J. H. An inquiry into the natural history, chemical properties, and medical virtues of the Rock Oil or Green Mineral Naphtha of Barbadoes, with particulars of its remedial powers in cutaneous eruptions, glandular complaints, and diseases of the joints. London, 8vo.

1831. HART, B. On the diseases and accidents incidental to the Horse, wherein the Rock Oil of Barbadoes or Green Mineral Naphtha has proved a particularly useful remedy, with directions for use. London, 8vo, pp. 48.

1841. HALLECK, H. W. Bitumen; its varieties, properties and uses. Washington, U.S., 8vo.

1872. GRANIER, J. F. *De l'Affection Psorique, et de ses divers traitements, suivis d'un essai de traitement par l'Huile de Pétrole purifiée. Paris, 4to.

BOLDO.

1874. DUJARDIN-BEAUMETZ, —, et VERNE, C. Étude sur le Boldo. Paris, 8vo, pp. 16.

Boldo is the name given to the leaves of Peumus boldus, *Molina*, Boldus fragrans, *Pers.*, a plant whose range does not, as far as at present is known, extend beyond the borders of Chili. These aromatic leaves, which contain about 2 per cent. of essential oil and an alkaloid Boldine (discovered by MM. Bourgoin and Verne), are thought to act as a gastric stimulant, and to exert a powerful influence on the liver. A summary of Verne's exhaustive communication is given in 'Pharm. Journ.,' Nov. 21, 1874.—*Edin. Med. Journ.*, Feb., 1875, p. 761.

BOLETUS (DÆDALEA) SUAVEOLENS, Linn.

Sweet-scented Boletus.

1784. ENSLIN, J. C. Comment. med. de Boleto suaveolente, *Lin.* Erlangæ, 4to, pp. 32, tab. i. Idem, Mannhemii, 4to, 1785. Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. xiii, p. 1-31. German transl. Marburgi, 1809, 8vo, pp. 88, tab. col. i.
Bibl. Banks; Acad. Edin.; Med.-Chir. Soc. (Schlegel).

Lauded as a remedy in phthisis.

BORACIC ACID. Vide SODII BIBORAS.

BORASSUS FLABELLIFORMIS, Linn.

Palmyra Palm.

1850. FERGUSON, W. Description of the Palmyra Palm of Ceylon. Colombo, 8vo, pp. 52; Appendix, pp. 39, tab. 6.

Beyond mention of the use of the brown, soft, cotton-like substance found at the base of the fronds, as a local styptic in hæmorrhage, this otherwise interesting brochure contains nothing medical. It affords, however, much information as to the economical uses of this valuable tree.

BORAX. Vide SODII BIBORAS.

BRAYERA ANTHELMINTICA, DC.

Cusso, Kousso.

1822. Brayer, A. Notice sur une nouvelle plante de la famille des Rosacées employée avec le plus grand succès en Abyssinie contre le tænia. Paris, 8vo, pp. 8, with plate.

1847. Boggio, —. Opuscule sur le ver solitaire et sur le Kousso, seul remède contre cet entozoaire. Paris, 8vo.

1851. Meyer-Ahrens, C. Die Blüten des Kossobaumes, die Rinde der Musenna, &c. Zurich, 8vo, pp. 91. *Vide* "Anthelmintics."

1857. Philippe, R. Recueil des documents officiels et historiques relatifs à la fleur de Kousso, &c. Paris, 8vo, pp. 48.

BROMINE AND ITS COMPOUNDS.

1827. Franz, A. F. Commentationis de Bromii effectibus prima pars. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*

1828. Barthez, F. *De l'action du Brôme et de ses combinaisons sur l'économie animale. Paris, 4to, pp. 32.

1829. Löwig, C. Das Brom und seine chemischen Verhältnisse. Heidelberg, 8vo, pp. xvi, 174.

1829. Butzke, L. E. *De efficacia Bromi interni experimentis illustrata. Berolini, 8vo, pp. 35. *Bibl. Coll. Surg. Lond.*

1830. Berenger, H. F. Comparatio æqualis et diversæ qua excellunt Chlorium, Bromium, et Iodium naturæ chemicæ et therapeuticæ. Berlin, 8vo. *Bibl. Coll. Surg. Lond.*

1842. Glover, R. M. On the physiological and medicinal properties of Bromine and its Compounds; also on the analogies between them and those of Chlorine and Iodine. (Ex *Edin. Med. Surg. Journ.*, No. 152.) Edin.? 8vo. *Bibl. Med.-Chir. Soc.*

A very able and interesting essay, proving the author to be an industrious and judicious experimenter.—*Med.-Chir. Rev.*, Oct., 1844, p. 445-449.

1852. Bizio, G. La opinione d'identità del Bromo e del Iodio avvalorato da un fatto scoperto dall' autore. Venezia, 8vo, pp. 8.

1853. Lunier, L. De l'emploi de la médication Bromo-iodurée dans le traitement de l'Aliénation Mentale et de la Paralysie générale progressive. (Ex *Ann. Méd. Psychol.*) Paris, 8vo.

1856. Fasoli, G. B. Consid. sull' opinione d'identità del Bromo e dell' Iodio. Venezia, 8vo.

1856. Ozanam, C. De l'efficacité du Brôme dans le traitement des affections pseudo-membraneuses. Paris, 4to. Second ed. Paris, 1869, 8vo, pp. 47.

1867. Gasselin, A. *Du Brôme et des Bromures. Paris, 4to, pp. 55.

1870. Gazagnes, A. *Du Brôme et de ses composés employés en pharmacie. Montpellier, 4to, pp. 15.

1870. McElvoy, Z. C. *Vide* art. "The Bromides," 1870.

BRUCIA, BRUCINE.

1821. SCHIRLITZ, F. E. *Diss. physiologica de Brucio.
Halæ, 8vo, pp. 40. *Bibl. Coll. Phys. Edin.*

1830. BARDSLEY, J. L. Hospital Facts and Observations illustrative of the efficacy of Strychnia, Brucia, &c.
London, 8vo, pp. 223. *Bibl. Med.-Chir. Soc.*

Vide "Strychnia," 1830.

1868-9. CRUM-BROWN, A., and FRASER, T. R. On the physiological action of the Salts of the Ammonium Bases from Brucia, &c.
Vide "Medicines, Properties of," &c., 1868-9.

BRYONIA ALBA, Linn.

Bryony

1758. HANDTWIG, G. C. *De Bryonia. Resp. J. W. F. Lieb.
Rostochii, 4to, pp. 32. *Bibl. Banks.*

1783. HARMAND DE MONTGARNY. J. B. Sur les propriétés médicinales de la racine de Bryone ou de l'Ipecacuanha Européen.
Verdun, 8vo, pp. 16.

1825. TRAUTMANN, F. A. M. De radice Bryoniæ albæ ejusque in Hemicrania Arthritica usu. Lipsiæ, 4to, pp. 40.

1854. FUNARI, S. Recherches sur la Bryone, considérée au point de vue économique, industriel, et agricole. Paris, 8vo, pp. 32.

BUXUS SEMPERVIRENS, Linn.

The Common Box.

1859. BAZOCHE, G. *Étude sur l'emploi du Buis en médecine, surtout comme fébrifuge. Strasbourg, 4to, pp. 39.

CADMIUM AND ITS SALTS.

1744. GESNER, J. A. Historia Cadmiæ seu Cobalti.
Berolini, 4to. *Bibl. Lin. Soc.; Med. Soc. Lond.*

1819. ROSENBAUM, C. *De effectibus Kadmii in organismum animalium ejusque usu medico.
Gottingæ, 8vo; Brunsvigæ, 8vo, pp. 79, 1820.
Bibl. Coll. Surg. Lond.

1855. VAN HAUER, C. R. Ueber einige Cadmium-Salze. (Chemical?)
Wien, 8vo, pp. 23.

1874. GAZEAU, C. De l'emploi du Sulfate de Cadmium dans la Blennorrhagie uréthrale aiguë. Paris, 8vo, pp. 12.

CÆSALPINIA BRASILIENSIS, Swartz, et C. ECHINATA, Linn.

1709. HELVIGIUS, C. *De Ligno Brasiliensi. Resp. J. Lembke.
Gryphisvaldiæ, 4to, pp. 32. *Bibl. Banks.*

CAFFEINE.

1860. CAMPBELL, H. F. On Caffeine as an antidote in the poisonous Narcotism of Opium. (From *Southern Med. Journal.*) Augusta, U.S., 8vo. *Bibl. Med.-Chir. Soc.; Manchester Med. Soc.*

1862. BRILL, W. Das Kaffein in chemischer, physiologischer, und therapeutischer Hinsicht. Marburg, 8vo, pp. 85.

1874. DUCOUX, F. De la Caféine. Des différences entre la Caféine et la Théine. Paris, 8vo, pp. 7.

1875. BENNETT, J. H. On the antagonism between Caffeine or Infusion of Coffee and Meconate of Morphia. *Vide* "Medicines, Properties of," 1875. See also "Coffea Arabica."

CAFFEINE, ARSENIATE OF.

1863. GASTINEL, —. Mémoire sur l'Arséniate de Caféine et l'Acide tanno-arsénieux considérés comme agents fébrifuges. (Ex *Mém. de l'Institut Egyptien*, vol. i.) Paris, 4to, pp. 14.

CAFFEINE, VALERIANATE OF.

1874. PARET, J. A. *Quelques résultats obtenus par l'emploi du Valérianate de Caféine. Paris, 4to.

Dr. Paret comes to the conclusions (1) that valerianate of caffeine has in some cases appeared to put an end to nervous vomitings coexistent with hysteria; (2) that given to invalids it decidedly increases the appetite, and imparts moral as well as physical strength; (3) that the vomiting of phthisis is not checked by it. Its use in the sickness of pregnancy was not attended with any favorable results.—*London Med. Record*, May 12th, 1875, pp. 295.

1875. PARET, J. A. De l'emploi du Valérianate de Caféine. Paris, 8vo, pp. 63.

CAILCEDRA BARK. Vide SWIETENIA SENEGALENSIS.

CAINCÆ vel CAHINCÆ RADIX.

Root of Chiococca racemosa, Linn.

1827. HEYLAND, J. A. H. Analysis chemica radicis Caincæ. Kiliæ, 4to, pp. 20.

1827. LAUE, G. M. *De Radice Caincæ ejusque in Hydrope efficacia et usu. Lipsiæ, 4to, pp. 32. *Bibl. Coll. Surg. Lond.*

1828. LOEWENSTEIN, A. S. *De Radice Caincæ ejusque præsertim in Morbis Hydropicis virtute. Berol. 8vo, pp. 34.

1829. DE CANDOLLE, A. P. Notice sur la racine de Cainca. (Ex. in *Bibl. Univ. de Genève*, 1829, vol. xlii, p. 243-250.)

1830. PELLETIER, FRANÇOIS, et CAVENTOU, MM. Recherches sur les propriétés chimiques et médicales de la racine de Kahinça. Paris, 8vo, pp. 64.

1831. FRANÇOIS, A. Observations sur le traitement de l'Hydropisie par l'écorce de la racine de Kahinça. Paris, 8vo.

1831. PETIT-DUGOUR, P. A. *Essai sur l'écorce de la racine de Cainca. Strasbourg, 4to.

1831. WOLF, G. A. De radice Caincæ. Marburgi, 8vo, pp. 24.

1832. WIMMER, M. De Caincæ radice. Monachii, 8vo, pp. 20.

1850. ROCHLEDER, F., und HLASIWETZ, H. Ueber die Wurzel der Chiococca racemosa. Wien, 8vo, pp. 10.

CAJUPUTI OLEUM.

Cajuput Oil.

1745. RAMSPEK, J. C. Bigaremediorum præstantissimorum.—Infusi Resinosi, atque Olei Cajeput. Basileæ, 4to.

Laudes olei cajeput.—*Haller, Bibl. Bot.*, ii, p. 347.

1751. M. C. [MARTINI, C.] Diss. de Oleo Wittnebiano seu Kajuput, &c., ejusque saluberrimis effectis. Wolffenbütel, 8vo, pp. 31. *Bibl. Banks.*

D. Engel H. Witneben, theologum, primum efficacissimum oleum invenisse, idque parari arte chemica ex semine cardamomi medii. Exempla aliqua virium nervinarum et antispasmodicarum hujus olei hic producuntur. (*Haller, Bibl. Bot.*, ii, p. 412). From this statement it is evident that it is not to cajeput oil, but to the essential oil of cardamoms that the remarks in this work apply.

1754. CARTHEUSER, J. F. De Oleo Kajeput. Resp. C. W. Cartheuser. (Idem in ejus *Diss. Select.*, p. 87-112). Francof. ad Viad. 8vo.

In hydrope utile reperit.—*Haller, Bibl. Bot. ii, p.* 271.

1783. ADAMI, J. A. *De Oleo Cajeput. Gottingæ, 4to, pp. 32. *Schlegel, Thes. Mat. Med.*, vol. ii, art. 25, p. 375. *Bibl. Banks; Bibl. Med.-Chir. Soc.* (Schlegel).

An excellent dissertation, containing a full account of cajuput oil and its therapeutic uses.

1797. THUNBERG, C. P. *De Oleo Cajuputi. Pars. i. resp. J. G. Söderstedt. Pars. ii, resp. J. H. Olin. Upsaliæ, 4to. *Bibl. Linn. Soc.; Coll. Surg. Lond.*

1805. BUCHOZ, P. J. Mémoires sur la Mélaleuque. Paris, 8vo, pp. 29.

CALAGUALA.

The rhizome of Polypodium Calaguala, Ruiz.

1788. GELMETTI, D. A. Della radice di Calaguala. Mantone, 8vo, pp. 23. Latin transl. by D. Nocca, Turici, 1793, 8vo, pp. 18. German transl. Leipzig, 8vo, 1793. *Bibl. Banks.*

1791. CARMINATI, B. Saggio di alcune ricerche sui principi e sulla virtù della radice di Calaguala. Paris, 8vo, pp. 109. German transl. Leipzig, 1793, 8vo.

1805. RUIZ, H. Memoria sobre la legitima Calaguala, &c. Madrid, 4to, pp. 60. *Bibl. Manchester Med. Soc.*

A translation of this memoir is contained in Lambert's 'Illustration of the Genus Cinchona. *Vide* "Cinchona," 1821.

CALAMUS AROMATICUS, Linn.

1604. MARTINELLO, C. Raggionamenti sopra l'Ammomo e Calamo Aromatico novamente havuto di Malacca. Venezia, 4to, foll. 8.

1718. WEDEL, J. A. *Diss. de Calamo Aromatico. Resp. L. Betiken. Jenæ, 4to, pp. 24. *Bibl. Banks.*

CALCIUM. CALX.

Lime and its Preparations.

1685. TRANÆUS, G. M. De Calce viva. Lutetiæ Parisiorum, 4to.

1702. NICOLAUS, J. De Calcarium usu et abusu. Francof. 12mo. *Bibl. Med. Soc. Lond.*

1727. FICKIUS, J. J. De Calce viva. Program. i et ii. Jenæ, 4to, pp. 64. *Bibl. Banks.*

1733. JUNKER, J. De Calce viva. Halæ, 4to.

1743. DETHARDING, G. C. De Aquæ Calcis vivæ usu interno salutari in specie in Morbis Exanthematicis chronicis. Resp. N. H. Kemma. Rostochii, 4to. Idem in *Haller, Disp. Med. Pract.*, vii, p. 258. *Bibl. Med.-Chir. Soc.* (Haller).

1743. WHYTT, R. Essay on the virtues of Lime-water in the cure of the Stone. Edin. 12mo. Second ed. 1755; third ed. with appendix with cases, Edin. 1761. French transl. by A. Roux. Paris, 1757. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

Whytt's treatment of stone consisted in administering Alicant soap and lime-water to the extent of one ounce of the former and three pints or more of the latter, daily.

1752. ALSTON, C. Dissertation on Quick-lime and Lime-water. Edin. 12mo. French transl. by C. Nugent, Paris, 8vo, 1754. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1756. SCHINZ, S. *De Calce terrarum et lapidum Calcariorum. Lugd. Bat. 4to, pp. 49, tab. i. *Bibl. Linn. Soc.; Banks.*

1760. ALEXANDER, J. Dissertation on Quicklime. Glasgow, 8vo. *Bibl. Facult. Glasgow.*

1764. MACBRIDE, D. On the dissolvent power of Quicklime. *Vide* "Carbonic Acid," 1764.

1764. GIRARDI, M. De Uva Ursina ejusque et Aquæ Calcis vi lithontriptica. (In *Sandifort Thes.* vol. iii.) Patavii, 8vo, tab. i. *Bibl. Med.-Chir. Soc.* (Sandifort).

Denies the solvent powers of lime water.—*Haller.*

1767. SCHALLER, J. B. *De usu Calcis. Ingolstadii, 4to.

1767. Rousseau, G. L. C. *Diss. chemico-medica de usu Calcis. Ingolstadii, 4to.

1769. Vogel, R. A. *De curatione Cancri occulti et aperti per Aquam Calcis potam præstita. Gottingæ, 4to.

1773. Henry, T. Experiments on Magnesia alba, Quicklime, Absorbents, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1776. Amberger, J. A. A. *De Calce viva. Giessæ, 4to.

1776. Baumer, J. W. *De Aqua Calcis naturali alcalina. Giessæ, 4to.

1777. Black, J. Experiments upon Magnesia alba, Quicklime, &c. Edin. 18mo. *Bibl. Med.-Chir. Soc.*

1782. Girtanner, C. De Terra Calcarea cruda et calcinata. Gottingæ, 4to, pp. 13. *Bibl. Banks.*

1789. Monaco, V. Quæstiones chemico-medicæ an Aquosum Calcis infusum pro usu medico tot sibi laudes merito vindicaverit, &c. Napoli, 8vo.

1795. Lange, J. U. *De Aquæ Calcis vivæ viribus et usu medico. Jenæ, 8vo, pp. 32.

1798. Dückel, H. De Aquæ Calcis indole et usu medico et chirurgico. Marburgi, 8vo. *Bibl. Roy.*

1805. Gadolin, J. *Diss. de Calcis usu, &c. Resp. D. F. Roschier. Aboæ, 4to. *Bibl. Linn. Soc.*

1873. Ducoudray, L. *Étude physiologique et thérapeutique des divers composés du Calcium. Paris, 4to.

1875. Caulet. *Vide* "Alkalies," 1875.

CALCII IODIDUM.

Iodide of Calcium.

1862. Pidduck, J. Dietetic Medicine, or the Osteo-phosphate of Lime and Iron as a nutrient of the osseous structure, and the Iodide of Calcium as an alterative, and an antidote to Metallic Poisons. London, 8vo. *Bibl. Med.-Chir. Soc.*

CALCIS CARBONAS.

Carbonate of Lime. Chalk.

1705. Helvigius, Ch. *Diss. de Creta. Resp. Car. Helvigius. Gryphiswaldiæ, 4to, pp. 40. *Bibl. Banks.*

1802. Kentish, E. Cases of Cancer, with observations on the use of Carbonate of Lime in that disease. Newcastle-upon-Tyne, 8vo, pp. 48. *Bibl. Med.-Chir. Soc.*

When the matter of fact contained in these pages is stripped of irrelevant matter it will be found to amount to little more than this, viz. that the author had under his care two cases of perfectly well-marked ulcerated cancer, in both of which the treatment was the same, namely, the application of powdered chalk, with a success which would be admirable if a general average could be drawn from *two* cases, one of which terminated in a complete cure and the other fatally!—*Med. and Phys. Journal*, 1803, p. 380.

1804. ARCHER, J. *On the effects and *modus operandi* of the Carbonate of Lime, Magnesia, and Potash, in the cure of general and local diseases. Philadelphia, 8vo.

1855. PASQUALI, A. Der Kalk als directes Heilmittel gegen die Asiatische Cholera. Vienna, 8vo.

CALCIS CHLORIDUM.

Chloride of Lime.

1827. REID, R. Observations on the efficacy of Hydrochloruret of Lime as a remedy in certain stages of Fever and Dysentery. London, 8vo, pp. 35.

The author details numerous cases which fell under his observation during an epidemic of fever in 1827, in which the hydrochloruret appeared to exercise a very favorable influence, especially in the advanced stages. See *Med.-Chir. Rev.*, Jan., 1828, p. 34-44.

1831. KAISER, J. On the antiseptic powers of Chloride of Lime. *Vide* "Antiseptics," 1831.

See also "Antiseptics," "Chlorides," and "Chlorine."

CALCIS MURIAS.

Muriate of Lime.

1771. GADD, T. A. De sale Calcis Muriatico. Aboæ, 8vo.

1808. SEMENTINI, L. Sull' uso del Muriato di Calce nelle malattie Linfatiche e Scrofolose. Napoli, 8vo.

1825. ZIMMERER, C. A. *De usu Calcis Oxymuriaticæ. Landishuti, 4to, pp. 15.

1872. BEGBIE, J. WARBURTON. The therapeutic action of Muriate of Lime. Reprint from *Edin. Med. Journ.*, July, 1872, p. 46-58. Edin. 8vo.

A valuable contribution to our knowledge of the action and uses of this remedy.

CALCIS OXALAS.

Oxalate of Lime.

1846. SCHMIDT, C. *De digestionis natura, ac de ratione qua Oxalas Calcis per sanguinem in secreta organismi varia transeat. Dorpat. 8vo, pp. 39.

1850. BENEKE, F. W. Zur Physiologie und Pathologie des phosphorsauren und oxalsauren Kalkes. Göttingen, 8vo, plates. *Bibl. Med.-Chir. Soc.*

1850. GALLOIS, —. De l'Oxalate de Chaux dans les sédiments de l'Urine, dans la gravelle et les calculs. Paris, 8vo.

CALCIS PHOSPHAS.

Phosphate of Lime.

1793. EKEBURG, A. G. *De Calce Phosphorata. Resp. N. A. Bergsten. Upsaliæ, 4to. *Bibl. Linn. Soc.*

1850. BENEKE, F. W. Der phosphorsaure Kalk in physiologischer und therapeutischer Beziehung. Göttingen, 8vo. *Bibl. Med.-Chir. Soc.*

1852. BLACKLOCK, A. Observations and reports on the treatment of Intermittent Fever by Phosphate of Lime and Sulphur. Madras, 8vo, pp. 103.

This book may be said to consist of two parts—first, an assertion, backed by cases, that intermittent fever is cured by a mixture of phosphate of lime and sulphur; and, second, an hypothesis to explain the action of the remedy. Of the latter part we need only say that it is lame and halting, and is supported by no well-ascertained facts.—*Brit. and For. Med.-Chir Rev.*, April 15, 1853, p. 485.

1853. MOURIÉS, H. M. Du Phosphate Calcique (Phosphate de Chaux basique) dans ses rapports avec la nutrition des animaux, les maladies et la mortalité des enfants dans les villes. Paris, 4to, pp. 32.

1862. GUICHARD, L. De l'emploi du Phosphate de Chaux en médecine et en chirurgie. Paris, 8vo, pp. 72.

1862. PIDDUCK, J. *Vide* "Calcii Iodidum," 1862.

1866. GAULON, P. E. *De l'emploi thérapeutique du Phosphate de Chaux. Paris, 4to.

1868. DUSART, L., et BLACHE, R. Recherches sur l'assimilation du Phosphate de Chaux, et sur son emploi thérapeutique. Paris, 8vo, pp. 15.

In 1875 Dr. Dujardin-Beaumetz presented to the 'Société de Thérapeutique,' Paris, a report on an essay by Dr. R. Blache based on cases of albuminuria and diphtheria in which the phosphate of lime seemed to have been of great value. Some interesting remarks, both on the essay and on the report, occur in *London Med. Record*, April 28, 1875, p. 262.

1869. DUSART, L. Recherches expérimentales sur le rôle physiologique et thérapeutique du Phosphate de Chaux. Paris, 12mo, pp. 158.

1872. FRÉMINEAU, H. Traitement curatif des Maladies des Voies Respiratoires et de la Phthisie Pulmonaire en particulier par le Phosphate Acide de Chaux. Paris, 8vo, pp. 24.

1874. LESTAGE, C. *Recherches expérimentales et cliniques sur quelques préparations de Phosphate de Chaux. Paris, 4to.

1874. DUSART, L. Experimental researches on the physiological and therapeutic action of the Phosphate of Lime. Second ed. Paris, 12mo, pp. 168. Italian transl. ibid. 1875, 8vo, pp. 160.

1875. CAULET, —. Existe-t-il une médication Phosphatée Calcique? Du rôle thérapeutique du Phosphate de Chaux. Versailles, 8vo, pp. 8.

1875. DONY, P. *Du traitement des Sueurs nocturnes chez les Phthisiques par le Phosphate de Chaux. Paris, 4to.

1875. FALIÈRES, A. Pharmacologie du Phosphate de Chaux. (Reprint.) Bordeaux, 8vo, pp. 39.

CALCIS SULPHURETUM.

Sulphuret of Lime.

1796. PAPING, B. J. *De Sulphureto Calcis, optimo contra Salivationem mercurialem remedio. Groningæ, 8vo, pp. 39. *Bibl. Roy.*

CALOTROPIS GIGANTEA, R. Brown, et C. PROCERA, R. Brown.

Mudar or Madar.

1833. CASANOVA, J. N. Essai sur le Madar (*Calotropis Madarii Indico-orientalis*) contenant l'histoire naturelle de cette plante, ses propriétés physiques, chimiques et médicinales. English transl. by L. A. Richy. Calcutta, 8vo, pp. 69, tab. i.

The author's estimate of mudar, based on considerable experience, is decidedly favorable as to its value as a therapeutic agent, especially in chronic ulceration of a leprous and syphilitic character. See, further, *Pharmacopœia of India*, pp. 141, 458.

CALUMBÆ RADIX.

Calumba or Columbo Root.

1694. [PECHEY, JOHN.] Observations upon the Calumba Wood and its virtues in curing Gout. London, 4to. *Bibl. Med.-Chir. Soc.*

1773. CARTHEUSER, J. F. *De Radice Columba. Resp. E. P. Becker. Idem in Cartheuser *Diss. Phys. Chym. Med.*, p. 136-168. Francf. ad Viad. 8vo. *Bibl. Banks.*

1773-6. PERCIVAL, T. On Columbo Root. *Vide* "Astringents," 1773-6.

1822. BROECKE, J. C. VAN DEN. De usu radicis Columbo. Lugd. Bat. 8vo, pp. 40.

1829. STROMEYER, A. A. L. *De radice Columbo. Gottingæ, 4to, pp. 80, tab. i.

1830. WITTSTOCK, C. Das Columbin, eine neue chrystallinische Substanz in der Columbo-Wurzel. (Ex. in *Annal. der Physik und Chemie*, Bd. xcv, und *Poggendorff, Annal.* Bd. xx, 1830.)

1851. GUENSTE, F. G. H. *De Columbino et Berberino. Marburgi, 8vo.

1854. CARON, C. A., et LETELLIER, S. Obs. sur le traitement du Choléra par l'emploi du Vin de Colombo composé. (Ex. *Gaz. des Hôpitaux*, 1854). Paris, 8vo, pp. 16.

1872. BLOTTIÈRE, C. Étude pharmacologique sur le Columbo et ses applications thérapeutiques. Paris, 12mo, pp. 116.

1875. RACORD, J. *De la racine de Columbo. Paris, 4to.

CAMPHORA.

Camphor.

1628. HOERNIGK, L. VON. De Camphoræ qualitatibus epistola. Præs. L. Gravius? Ulmæ, 4to.

1650. EICHSTAD, L. *An Camphora Hippocrati, Aristoteli, Theophrasto et aliis priscis philosophis et medicis fuerit incognita, et quid de ejus ortu, natura, facultatibus et usu recentiores medici prodiderint? Dantisci, 4to.

1660. MOEBIUS, G. Anatomia Camphoræ, ejus originem, qualitatem, preparationes chymicas ac vires exhibens. Jenæ, 4to, p. 104. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Historia camphoræ, præparationes variæ, formulæ et vires medicæ. Collectitia omnia.—*Haller, Bibl. Bot.*, i, p. 508.

1697. CRONBERG, F. De Camphora. Marpurgi, 4to.

1697. WEDEL, G. W. *De Camphora. Resp. J. A. Wedel. Jenæ, 4to, pp. 36. *Bibl. Banks.*

1712. HEUCHER, J. H. De igne per ignem extinguendo, seu de præstantissimo Camphoræ usu in Febribus acutis. Witterbergæ, 4to.

1714. HOFFMANN, F. *De usu intermo Camphoræ securissimo et præstantissimo. Resp. C. H. Keil. Halæ, 4to, pp. 36. *Bibl. Linn. Soc.; Coll. Phys. Edin.* (*sub nom.* Keil).

In omni inflammatione, etiam in gangræna utilem esse. Malignitati resistit et putredini. Carminativorum principem esse; cum nitro bene conjungi. Menses retentos expedire.—*Haller, Bibl. Pract. Med.*, iii, p. 562.

1715. GRONOVIUS, J. F. *Camphoræ Historia. Lugd. Bat. 4to, pp. 38. *Bibl. Med.-Chir. Soc.; Banks.*

Mainly botanical and chemical apparently. See short abstract in *Haller, Bibl. Bot.*, ii, p. 121.

1722. ALBERTI, M. *De Camphoræ circumspectu usu medico. Resp. C. W. Pott. Halæ, 4to, pp. 31. *Bibl. Banks; Med. Soc. Lond.* (*sub nom.* Pott).

1727. NEUMANN, K. Lectio chymica von Camphora. (In ejus *Lect. Chym. de Salibus Alcalino-fixis*, p. 95, 164.) Berol. 4to. *Bibl. Banks.*

1734. TRALLES, B. L. Exercitatio de virtute Camphoræ refrigerante: præfatione F. Hoffmanni. Vratislaviæ, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1737. JUCH, G. P. De salutari et noxio Camphoræ et Camphoratorum usu. Erfordiæ, 4to.

1737. MEISNER, L. F. De Camphora ejusque genesi. Pragæ, 4to.

1739. HAENEL, C. H. De Camphora. Lugd. Bat. 4to, pp. 32. (Trans. into English.) *Bibl. Med. Soc. Lond.; Banks.*

1744. SCHULZE, J. H. *Nonnulla ad Camphoram spectantia. Resp. L. Weber. Halæ Magd. 4to. *Bibl. Linn. Soc.*

1745. CARTHEUSER, J. F. *De insigni Camphoræ activitate medica. Francof. ad Viad. 4to.

1748. GERIKE, P. *De Camphoræ usu medico. Resp. J. Jönckers. Helmstadii, 4to, pp. 17. *Bibl. Banks.*

1748. KECHELEN, G. S. *De genesi Camphoræ ejusque raffinatione. Argentorati, 4to, pp. 30. *Bibl. Banks.*

1759. PRANGE, A. D. *De Camphoræ vi anthelminthica. Gottingæ, 4to.

1762. BUECHNER, A. E. *De usu corticis Peruviani cum Camphora uniti in Febribus ex putridine ortis. Halæ, 4to.

1763. RECCARD, J. F. *De præstantia Camphoræ in Deliriis. Præs. A. E. Buechner. Halæ Magd. 4to. *Bibl. Radcliffe.*

1765. EVERS, A. H. De Camphoræ usu externo in chirurgia maxime præstabili. Buesov, 4to. *Bibl. Coll. Surg. Lond.*

1765. GRIFFIN, C. *De viribus Camphoræ. Edin. 4to. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

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1770. LA LANGUE, J. B. Nevrologia. Viennæ, 8vo.

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1776. SEVERI, S. Diss. de Camfora. Papiæ, 4to.

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1834. FLODBERG, J. E. *De Camphora ejusque usu therapeutico. Præs. G. Wahlemberg. Upsalæ, 4to.

1835. RÜCKER, O. G. De Camphoræ virtute medica. Dorpati, 8vo, pp. 59.

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Raspail's *panacea* was camphor. He advocated its use, not only by inhalation in the form of cigarettes, but in many other forms, in almost every class of diseases, especially in those of the nervous system.

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1856. GEORGE H. Account of a mode of treating Smallpox which entirely prevents disfigurement &c. (use of Camphor as a local application). Fourth ed. London, 8vo. *Bibl. Med.-Chir. Soc.*

1856. VRIESE, W. H. DE. Mémoire sur le Camphrier de Sumatra et de Bornéo. Leide, 4to. *Bibl. Linn. Soc.*

Treats of its botanical origin and natural history.

1857. JEANNERET, H. Epidemic Cholera, Diarrhœa and Dysentery. Pointing out an effectual and expeditious method of cure. London, 8vo, pp. 34.

Camphor in full doses constitutes Dr. Jeanneret's method of cure. In this pamphlet the author complains bitterly that the profession will not adopt his opinion that cholera is most amenable to this treatment.—*Dublin Quart. Journ. Med. Sci.*, 1857, p. xvii.

1858. HUMBOURG, T. *Sur l'usage externe du Camphre. Strasbourg, 4to, pp. 43.

1866. FOISSAC, M. *Du Camphre. Paris, 4to.

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1872. DICHIARA, F. Dell' uso della Canfora in polvere per la cura della Cangrena Nosocomiale. Osservazioni cliniche. Palermo, 8vo, pp. 12.

CAMPHOR, BROMIDE OF.

Camphre Monobromé of Wurtz, etc.

1875. PATHAULT, L. *Des propriétés physiologiques du Bromure de Camphre (Camphre Monobromé de Wurtz), et de ses indications thérapeutiques. Paris, 4to. Idem, 8vo, pp. 47.

1875. GILBERTINI, D. Sulla Canfora Monobromata. Milan, 8vo, pp. 12.

CANNABIS SATIVA, Linn.

Indian Hemp.

1803. SEIDENSCHNUR, M. J. De Cannabis vi medica. Halæ, 4to, pp. 16.

1821. TSCHEPPE, F. *Chemische Untersuchung der Hanfblätter. Præs. G. Schuebler. Tübingen, 8vo, pp. 28.

1839. O'SHAUGHNESSY (BROOKE), W. B. On the preparations of the Indian Hemp or Gunjah (Cannabis Indica); their effects on the animal system in health and their utility in the treatment of tetanus and other convulsive diseases. Calcutta, 8vo, pp. 46.

This interesting and valuable monograph, which is reprinted in 'Bengal Dispensatory,' p. 579, contains the first scientific notice of Indian hemp as a therapeutic agent.

The cases in which the author, Sir William Brooke, better known as Dr. O'Shaugnessy, made trial with this remedy were acute and chronic rheumatism, hydrophobia, tetanus, cholera, delirium tremens and infantile convulsion. Although the results were in many instances unsuccessful the details are highly interesting.

1841. FREUDENSTEIN, G. De Cannabis sativæ usu ac viribus narcoticis. Marburgi, 8vo, pp. 35.

1843. LALLEMAND, F. Le Hachisch. Paris, 18mo.

1845. MOREAU DE TOURS, J. Du Hachisch et de l'Aliénation Mentale. Études physiologiques. Paris, 8vo, pp. 431.

Original, instructive and entertaining.—*Edin. Monthly Journ. of Med. Sci.*, Sept., 1845, p. 696. For a full analytical review see *Brit. and For. Med.-Chir. Rev.*, Jan., 1847, p. 217-236.

1849. GASTINEL, J. B. Mémoire sur le Haschisch, sa partie historique, son action sur les facultés mentales ou physiologiques. Paris, 8vo, pp. 16.

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A very able and interesting contribution to the therapeutical history of Indian Hemp. It contains the first notice of the alleged power of this agent in increasing the force of uterine contraction during labour.

1854. BERTHAULT, J. M. E. *Du Haschisch, son histoire, ses effets physiologiques et thérapeutiques. Paris, 4to, pp. 33.

1855. MARTIUS, G. *Pharmakologisch-medicinische Studien über den Hanf. Leipzig, 8vo, pp. 92.

This essay is divided into six sections—(1) historical, (2) botanical, (3) pharmacognostic, (4) pharmaceutic, (5) chemical, and (6) physiologico-therapeutic. It contains in a very small space the fullest information on the subject of which it treats. The author has evidently spared neither labour nor care in its production, and the learning which he has brought to bear upon it has clothed his subject with considerable interest.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 405.

1860. KELTERBORN, A. Meletemata nonnulla de herba Cannabis Indicæ et de Lactucario. Dorpati, 8vo, pp. 23.

1865. GRIMAUX, E. *Du Haschisch, ou Chanvre Indien. Paris, 8vo, pp. 55.

1870. CALKINS, A. Opium and the Opium appetite, with notices of Cannabis Indica, &c. See "Opium." Philadelphia, 8vo.

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1870. CLOUSTON, T. S. Observations on the use of...Cannabis Indica in Insanity, &c. *Vide* "Potassii Bromidum."

1870. WOOD, H. C. A Prize Essay on the medical activity of the Hemp Plant of North America. Philadelphia, 8vo.

1872. VILLARD, F. *Du Haschisch. Étude clinique, physiologique et thérapeutique. Paris, 4to. Ibid. 8vo, pp. 72.

CANTHARIDES.

The Blistering or Spanish Fly.

1687. GEYER, J. D. Thargelus Apollini sacer: Tractatus physico-medicus de Cantharidibus, etc. Lipsiæ et Francof. 4to pp. 75 *Bibl. Med.-Chir. Soc.*

1687. ALBINUS, B. De Cantharidibus. Resp. E. Heinsius. Francof. ad Viad. 4to, pp. 32. *Bibl. Banks.*

1698. GROENVELT vel GROENEFELD (GREENFIELD), J. De tuto Cantharidum in medicina usu interno. London, 12mo. English transl. by J. Marten, London, 1706, 8vo. Second ed. 1815. *Bibl. Med.-Chir. Soc.*

In this work cantharides is extolled as a remedy for various affections of the urinary passages, and for vesical catarrh in particular. The powers of camphor in modifying the acrimony and preventing the strangury apt to

be occasioned by cantharides are also set forth (Stillé). For alleged *mala praxis* in the internal administration of cantharides the author was committed to Newgate by the Board of Censors of the Royal College of Physicians (*Roll of College of Physicians*, vol. i, p. 402). "Upon this unfortunate man," observes Mr. Royston (*London Med. Phys. Journ.*, xviii, p. 21), "a degree of obloquy was cast on account of his use of cantharides internally and his treatise on that subject, that neither his conduct nor his book deserved."

1711. KIRCHDORFF, M. *De Cantharidibus. Resp. J. F. Goltz. Regiomonti, 4to, pp. 18. *Bibl. Banks.*

1717. WEDEL, G. W. *De Cantharidibus. Resp. J. C. Arswieser. Jenæ, 4to, pp. 28. *Bibl. Banks.*

1718. WHITAKER, W. *De Cantharidibus. Lugd. Bat. 4to, pp. 14. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1740. STENTZEL, C. G. De Cantharidibus, prosperæ adversæque auctoribus valetudinis. Resp. J. G. Hermann. Vitembergæ, 4to, pp. 46. *Bibl. Banks.*

1741. KRIEG, C. G. De Cantharidum et his similium medicamentorum calculis compactis alterandi minus parium virtute. Vittebergæ, 4to.

1743. STENTZEL, C. G. De externo Cantharidum usu, &c. Vitteburgæ, 4to.

1747. HORN, C. F. De Cantharidibus et similibus quæ aphrodisiaca vocantur medicamentis. Vittebergæ, 4to.

1753. HUNTER, A. *De Cantharidibus. Edin. 4to. *Bibl. Med.-Chir. Soc.*

1757. WYNN, J. *De Cantharidum viribus et usu. Edin. 4to.

1762. VOGEL, —. De insigni venenorum quorumdam virtute medica, imprimis Cantharidum ad morsum animalium rabidorum præstantia. Resp. — Wichmann. Göttingen, 4to.

1762. LINNÆUS, C. *De Meloë vesicatorio. Resp. C. A. Lenæus. (In *Amœn. Acad.*, vol. vi, p. 132.) Upsaliæ, 4to, pp. 15. *Bibl. Linn. Soc.*

1767. RUMPEL, L. F. E. *De Cantharidibus, earumque tam interno quam externo in medicina usu. (In *Baldinger's Sylloge*, v, p. 175.) Erfordiæ, 4to. *Bibl. Med.-Chir. Soc.* (Baldinger).

1769. JÆGER, C. F. *De Cantharidibus, earumque actione et usu. Resp. C. F. Kaiser. Tubingæ, 4to, pp. 28. *Bibl. Banks.*

1769. ALEXANDER, W. *De Cantharidum historia et usu. Edin. 8vo. *Bibl. Med.-Chir. Soc.*

1770. ALEXANDER, W. Experimental Essays on Antiseptics, &c., and on the external use of Tincture of Cantharides. London, 8vo. *Bibl. Med.-Chir. Soc.; Facult. Glasgow.*

1771. BERSET, F. P. *De Cantharidibus. Œnoponti, 8vo.

1775. FORSTEN, R. Diss. medica Cantharidum historiam naturalem, chemicam, et medicam exhibens. Lugd. Bat. 4to; et Argentorati, 1776, 8vo, pp. 240. *Bibl. Coll. Surg. Lond.; Acad. Edin.*

1776. CARSON, J. *De Cantharidum historia, operatione, et usu. Edin. 8vo. Idem in *Baldinger's Sylloge*, iv, p. 180.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

1779. PROBST, J. F. I. Diss. de Sale Volatile Cantharidum. Norimbergæ, 8vo. *Bibl. Coll. Surg. Lond.; Acad. Edin.*

Review in *Duncan's Med. Commentaries*, vi, 1779, p. 151.

1781. STOCKAR VON NEUFORN, J. C. *De usu Cantharidum interno. Gottingæ, 4to. *Bibl. Coll. Phys. Edin.*

1782. CARDON, B. *Vide* "Vesicants."

1783. SCHLECHTLEUTNER, M. De viribus et usu Cantharidum. Vienna, 8vo.

1785. WOLF, D. H. Abhandlung von dem Nutzen der Spanischen Fliegenpflaster in soporösen Wechselfiebern. Altona, 8vo.
Bibl. Roy.

1786. HAYLE (or HALE), G. PUSEY. *De Cantharidum natura et usu. (Ex. in *Schlegel, Thes. Mat. Med.*, vol. i, p. 57-82.) (Lipsiæ, 1793). Lugd. Bat. 8vo, pp. 38.
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A good account of cantharides in four sections:—1. Natural history. 2. Chemistry. 3. Physiological effects. 4. Diseases in which it has been employed, concluding with remarks on vesicants. Much of the matter is drawn from English sources.

1789. GENOUX, J. C. A. *Ueber die Wirkung der Spanischen Fliegentinctur in Scrophulösen Geschwüren. Köln, 4to.

1791. NIEMANN, C. A. *De Cantharisationis externæ effectibus in corpus humanum, momenta circa Cantharidum applicationem. Weissenfels, 4to, pp. 23.

1793. TOTI DI FOJANO, L. L'efficacia delle Cantaridi novamente sperimentate per usu interno. Pisa, 8vo, pp. 150.

1794. SCHIROW, J. J. *De Cantharidibus. Francof. ad Viad. 4to, pp. 35.

1800. GOUGH, P. *Essay on Cantharides. Philadelphia, 8vo.

1803. GUILLOT, J. L. *De l'usage intérieur et extérieur des Cantharides en médecine. Paris, 8vo. *Bibl. Roy.*

1803. BEAUPOIL, H. *Recherches médico-chimiques sur les vertus et les principes des Cantharides. Paris, 8vo.

1804. SETTI, E. De la nature et de l'emploi des Cantharides et des Vésicatoires: traité médical, historique et pratique. (In Italian.) Modena, 8vo.

1806. ROBERTON, J. Practical Treatise on the powers of Cantharides when used internally. Edin. 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.

The three sections into which this work is divided treat of the use of cantharides in gleet, in leucorrhœa and in obstinate "sore." He adduces evidence of the beneficial use of the remedy in these cases, and taken internally he considers that it "operates as an agreeable universal stimulus, infusing not only action but the power of maintaining action, dispelling atonia and re-establishing health."—*London Med. Phys. Journ.*, xviii, 1807, p. 22.

1807. HONNORAT, S. J. *Propositions sur l'histoire naturelle, chimique et médicale des Cantharides. Paris, 4to.

1807. KLIPPEL, —. *Sur l'action et l'emploi des Cantharides. Strasbourg, 4to.

1808. DEMAY, F. *Sur la ponction au-dessus du pubis, avec quelques observations sur l'usage intérieur des Cantharides dans les cas d'Inertie et de Paralysie de la Vessie. Paris, 8vo.

1809. CHAMPY, E. *Sur l'usage interne et externe des Cantharides en médecine. Strasbourg, 4to.

1810. TADINI, F. Analisi della proprietà delle Cantaride. Novara, 4to.

1810. TRIBERTI, A. Riposta all' analisi della proprietà delle Cantaride dell Sig. F. Tadini. Pavia, 4to.

For the views of the Italian physicians of that period, as represented by Dr. Giocomini, see *Med.-Chir. Rev.*, April, 1839, p. 603 *et seq.* Cantharides, taken internally, acts, according to their views, as a contra-stimulant or antiphlogistic, depressing the heart's action, and consequently is applicable to and serviceable in inflammatory diseases.

1810. DRIVER, C. H. G. *De retentione urinæ usu Cantharidum feliciter sanata. Helmstad. 4to.

1812. GSELL, J. *De sejunctione materiæ vivæ, vim Cantharidum specificam in renes illustrante. Præs. J. H. F. Autenrieth. Tubingæ, 4to.

1815. MERLET, —. *De l'usage interne et externe des Cantharides en médecine. Paris, 4to.

1816. WILHELMI, J. F. L. *De Cantharidibus earumque præparatione ad usum cum medicum tum chirurgicum. Marburg. 8vo, pp. 23.

1817. GADD, J. W. On substitutes for Cantharides. *Vide* "Vesicants," 1817.

1818. GUILBERT, —. *Histoire médicale des Cantharides. Paris, 4to.

1822. LEDEBOER, A. M. *De usu Cantharidum interno. Lugd. Bat. 8vo, pp. 123. *Bibl. Roy.*

1823. QUEUCHE, J. J. *Diss. sur les Cantharides. Strasbourg, 4to.

1826. BOVYN, L. J. *De Cantharidum usu externo. Gand, 4to, pp. 24.

1826. AUDOUIN, J. V. *Prodrome d'une histoire naturelle des Cantharides. (See also *Ann. des Sci. Nat.*, viii, p. 31.) Paris, 4to, pp. 56.

1827. FISCHER, J. B. *Tentamen conspectus Cantharidum. Monachii, 4to, pp. 26.

1830. HUMPEL, J. G. De abdomine Cantharidibus exulcerando in Choleræ Morbi curatione remedio, commentatio. Vindobonæ, 8vo.

1842. LUZZATTI, C. Due casi di venefizio cagionato dalle Cantaridi e del metodo curativo felicemente impiegato. Venezia, 8vo, pp. 20.

1853. GOESMANN, K. A. *Ueber die Bestandtheile der Canthariden. Göttingen, 8vo, pp. 38.

1854. AGUZZOLI, A. L. *Des effets thérapeutiques des Cantharides. Paris, 4to, pp. 28.

1856. BERTHOUD, P. *Étude sur la Cantharide officinale. 4to, pp. 28.

1858. PUCZNIEWSKI, L. De Venenis, præsertim Cantharidino, &c. Dorpati Livon. 8vo, pp. 36.

1862. SENAUX, C. Observations sur l'empoisonnement par la teinture alcoolique de Cantharides. Montpellier, 8vo, pp. 23.

1864. LABUS, P. Esperienze mediche e medico-legali sugli avvelenamenti colla polvere di Cantaride, colla tintura alcoolica di Cantaride e colla Cantaridina. Milan, 8vo, pp. 55.

1864. GUIZOT, A. *Essai sur les Cantharides. Paris, 4to.

1875. GALIPPE, L. M. V. Recherches sur l'empoisonnement par la poudre de Cantharides. (Reprint.) Paris, 8vo, pp. 22.

1875. LAUGEE, —. *Vide* "Vesicants," 1875.

CAOUTCHOUC. INDIAN RUBBER.

1780. JULIANO, A. *De Resina Elastica Cajennensi. (In *Schlegel, Thes. Mat. Med.* vol. i, art. i.) Traject. ad Rhen. 8vo, pp. 72. *Bibl. Coll. Phys. Edin.; Banks; Med.-Chir. Soc.* (Schlegel).

Occupied mainly with chemical and physical experiments on what was at that period one of the greatest novelties.

1830. RICHARD, A. Notice sur le Caoutchouc. Paris, 8vo, pp. 8.

1835. HIMLY, F. C. Der Caoutchouk. Göttingen, 8vo, pp. 108.

1854. GARIEL, —. Mémoire sur les applications médico-chirurgicales du Caoutchouc Vulcanisé. Paris, 8vo, pp. 64.

1854. RIEGÉ, C. A. *Du Caoutchouc Vulcanisé et de son emploi médico-chirurgical. Paris, 4to, pp. 82.

1856. DELPECH, A. Mémoire sur les accidents que développe chez les ouvriers en Caoutchouc l'inhalation du Sulfure de Carbone en vapeur. Paris, 8vo, pp. 84.

1860. PARKINSON, G. On the application of Vulcanized India-rubber for making Artificial Palates, and for supplying the deficiencies in the jaws caused by surgical operations, &c. (Pamphlet.) London.

The results as detailed in the appended cases are most satisfactory, the substance used, "vulcanite," being more readily adapted and worn than the gold or ivory obturators hitherto invented for the purpose.—*Lancet*, Oct. 27, 1860, p. 413.

1863. DELPECH, A. Nouv. rech. sur l'intoxication spéciale que détermine le Sulfure de Carbone. L'industrie du Caoutchouc soufflé. (Ex *Ann. d'Hygiène, &c.*, vol. xix.) Paris, 8vo, pp. 123.

1873. DUJARDIN-BEAUMETZ, —. Des altérations des tubes en Caoutchouc par les injections Iodées. Paris, 8vo, pp. 15.

1873. TARDIF, A. *De la Fracture transversale de la Rotule au point de vue surtout de son traitement par le Caoutchouc. Paris, 4to.

1875. BESNIER, E. De l'emploi des tissus imperméables et notament de la toile de Caoutchouc dans le traitement des Affections de la Peau. Paris, 8vo, pp. 19.

1875. HOUZÉ DE L'AULNOIT, —. Chirurgie Expérimentale. Expériences sur la force élastique des bandes et des tubes en Caoutchouc par la méthode des poids, &c. Paris, 8vo, pp. 43.

1875. MOYNAC, L. Du traitement des Hernies par le Caoutchouc. Paris, 8vo, pp. 33. *Bibl. Med.-Chir. Soc.*

CARBO VEGETABILIS.

Vegetable or Wood Charcoal.

1794. LEHR, F. A. Diss. de Carbone Vegetabili. Marburgi, 8vo. *Bibl. Roy.*

1803. BRACHET, P. V. Considérations sur l'usage du Charbon en médecine. Paris, 8vo.

1804. GRIOIS, F. J. B. Considérations sur l'utilité de la poudre de Charbon de bois dans le traitement de la Teigne, de la Gale et d'autres affections cutanées. Paris, 4to.

1809. MAHEUX, —. Sur l'utilité de la poudre de Charbon employée à l'extérieur dans la Gangrène. (*Ann. de la Soc. de Méd. du Dept. de l'Eure*, 1809, p. 145). Paris.

1814. MACKESY, G. Saggio sull' uso interno del Carbone: traduzione di P. M. Benza. Palermo, 8vo. *Bibl. Med.-Chir. Soc.*

1816. RICHTER, J. C. *Diss. med. de Carbone Vegetabili. Rostochii, 8vo, pp. 80.

1826. HEUKENIUS, F. J. *De Carbonis natura et usu. Berlin, 8vo, pp. 30.

1829. PALMAN, J. F. Recherches sur les propriétés médicales du Charbon de bois, et résultats obtenus. Paris, 8vo, pp. 53.

1830. CHEVALLIER, A. Mémoire sur le Charbon, son emploi dans l'assainissement des eaux et à divers usages économiques. Paris, 8vo, pp. 32.

1846. WEBER, G. P. F. Mémoire sur les propriétés antiseptiques du Charbon Végétal pur, &c. (Homœopathic ?) Paris, 8vo, pp. 36.

1850. BELLOC, —. Rapport sur le Charbon Végétal. Paris, 8vo, pp. 22.

1855. BIRD, J. The medicinal and economic properties of Vegetable Charcoal; with practical remarks on its use in Chronic Affections of the Stomach and Bowels. London, 8vo, pp. 82.

Contains an epitome of all that has been written on the medicinal uses of vegetable charcoal, both as an internal and topical remedy, whilst it at the

same time, gives proof of its having been made the subject of careful investigation by the author himself in those affections of the stomach and bowels in which he recommends it. In cases of worms in children, with fetid breath, &c., he strongly recommends its use in ten or twelve-grain doses combined with ipecacuanha and rhubarb.—*Lancet*, Dec. 8, 1855, p. 549.

1855. STENHOUSE, J. Charcoal: its use as a disinfectant with suggestive remarks on its sanitary advantages in private dwellings, &c. London, 8vo.

1855. WATSON, J. FORBES. On the sanitary applications of Charcoal and on Ventilation. (Ex *Journ. of the Society of Arts.*) London, 8vo, pp. 14.

Dr. Forbes Watson enlarges upon the investigations and discoveries of Dr. Stenhouse, and explains the practical appliances by which the air may be purified; his observations on the employment of charcoal are accompanied by some valuable remarks and suggestions on ventilation.—*Brit. and For. Med.-Chir. Rev.*, Jan., 1856, p. 153. Highly instructive and useful.—*Lancet*, Dec. 8, 1855, p. 550.

1865. LEARED, A. On the successful treatment of Flatulence by a novel use of Charcoal. Third ed. 1865. London, 8vo, pp. 10.

The novel mode of using charcoal here proposed is, in the author's own words, as follows:—"Charcoal, to be effective against gastric flatulence, must be introduced amongst the gases of the stomach in the same fresh state as when it leaves the crucible. The means for effecting this is to enclose it in gelatine capsules, so that it may be set free in the stomach by solution of the gelatine." Dr. Leared gives an historical sketch of the use of charcoal for absorbing the gases in the stomach and intestines, alluding especially to Belloc, from whom, however, he differs as to regarding charcoal from poplar wood the best, Dr. Leared maintaining that that made from the most solid vegetable substances, especially vegetable ivory, is greatly superior in the character of gas-absorbent.—*Lancet*, Sept. 23, 1865, p. 349.

ON THE NOXIOUS EFFECTS OF BURNING CHARCOAL

1747. LORRY, A. C. An Carbonum vapor in clausis cameris sedulò vitandus? Affirm. Præs. F. Pousse. Paris, 4to.

1774. PORTAL, A. Rapport sur les effets des Vapeurs Méphitiques dans le corps de l'homme, et principalement sur la vapeur du Charbon; avec un précis des moyens les plus efficaces pour rappeler à la vie ceux qui ont été suffoqués. Paris, 12mo. Alt. ed., 1791, 1794, 1796, &c. Italian transl. by Dr. Toja, Naples, 1777, 8vo. Spanish transl. Madrid, 1806, 12mo.

Review in *Duncan's Medical Comment.*, iii, 1775, p. 245.

1775. HARMANT, —. Mémoire sur les funestes effets du Charbon allumé. Nancy, 8vo.

1782. NEVEUX, J. N. *De causa Mortis Suffocatorum in Vaporibus Mephiticis. Nanceii, 4to, pp. 32.

1797. JOHNSON, —. *Vide* "Carbonic Acid," 1797.

1822. HERPIN, J. C. Instructions sur les premiers soins à donner aux personnes asphyxiées par le gaz Acide Carbonique ou par les Vapeurs du Charbon, &c. Deuxième ed. 1864. Paris, 12mo.

1837. MORYE, —. De l'Asphyxie par la Vapeur du Charbon. Paris, 8vo.

1858. SIEBENHAAR, F. J., und LEHMANN, F. G. Die Kohlendunstvergiftung, ihre Erkenntniss, Verhütung und Behandlung.
Dresden, 8vo, pp. 160.

An able monograph, in which poisoning by charcoal vapour is considered in every point of view. The influence of various conditions in modifying the injurious action of charcoal vapour, such as age, sex and individual peculiarity (the last-named exercising marked influence) are discussed, together with the symptoms and the anatomical changes observed in fatal cases. See *New Sydenham Society's Year Book*, 1861, p. 464.

1865. LEUDET, E. Recherches sur les troubles des nerfs périphériques et surtout des nerfs vasomoteurs consécutifs à l'Asphyxie par la Vapeur de Charbon. (Ex *Archiv. Gén. de Méd.*, Mai, 1865.)
Paris, 8vo, pp. 19.

CARBOLIC ACID.

Phenic Acid.

1864. LÉMAIRE, J. De l'Acide Phénique, de son action sur les végétaux, les animaux, les ferments, les venins, les virus, les miasmes, et de ses applications à l'hygiène, &c. Paris, 18mo, pp. 432. Seconde édition, ibid. 1866, 12mo, pp. 758.
Bibl. Med.-Chir. Soc.

1865. WOODHOUSE, —, and GIBBONS, —. On the use of Carbolic Acid. (Ex '*Proceedings of the Odontological Society*,' June 5th, 1865.)

This pamphlet is designed to show the value of carbolic acid in dental surgery. It is said to relieve pain without causing inflammation, and, where suppuration has set in, of arresting that process.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1866, p. 433.

1865. BOBŒUF, P. A. F. Mémoire adressé à l'Acad. des Sciences sur l'Acide Phénique, de la priorité de son étude et de ses applications, des dangers de son emploi pour les cautérisations et les médications internes. Propriétés du Phénol Sodique pour la guérison des brûlures, coupures, écorchures, &c.
Paris, 8vo, pp. 95.

1865. DÉCLAT, G. Nouvelles applications de l'Acide Phénique en médecine et en chirurgie aux affections occasionnées par les microphytes, les microzoaires, les virus, les ferments, &c., gangrènes, cancroïdes, maladies graves de la peau, fièvres typhoïdes, choléra, rage, &c. Paris, 8vo, pp. 208, orné de 5 photographies.
Bibl. Med.-Chir. Soc.

1865. HERLAND, L. *Vide* "Special Therapeutics," 1865.

1866. BOTTINI, E. Dell' Acido Fenico nella chirurgia pratica e nella tassidermica. Milan, 8vo.

1866. PAYNE, M. H. Carbolic Acid and other substances produced by the destructive distillation of Coal. (Chemical?)
London, 8vo, pamphlet.

1868. HAGEN, R. Die Carbolsäure und ihre Anwendung in der Ohrenheilkunde. Leipzig, 8vo, pp. 29.

1868. DE WERCHIN, —. Du Miel Phénique, de son application à l'hygiène, à l'industrie, &c. Paris, 8vo, pp. 39.

1869. DAVIS, W. B. Carbolic Acid: its surgical and therapeutical uses. Cincinnati, 8vo.

1869. SEHLBACH, C. F. J. Carbolic Acid: its action and uses. Newark, U.S., 8vo.

1869. BELL, J. Cases illustrative of the antiseptic use of Carbolic Acid. (Reprint from *Edin. Med. Journal.*) Edin., 8vo, pp. 10.

1871. SANSON, A. E. On Carbolic Acid and its compounds. *Vide* "Antiseptics, 1871."

1873. DÉCLAT, G. De la curation des maladies de la Peau...à l'aide de la nouvelle Médication Phéniquée. Paris, 18mo, pp. 91.

1873. DÉCLAT, G. De la curation de quelques-unes des maladies les plus fréquentes ou les plus graves de l'espèce humaine au moyen de l'Acide Phénique: coqueluche, croup, fièvre typhoïde, péritonite puerpérale, scarlatine, variole, etc. Paris, 12mo, pp. 334.

1873. DÉCLAT, G. Nouvelle méthode de traitement des Fièvres Intermittentes au moyen d'injections sous-cutanées d'Acide Phénique. Paris, 18mo, pp. 63.

1873. DÉCLAT, G. Traitement des Plaies au moyen de l'Acide Phénique, et des résultats que la nouvelle méthode a donnés pendant le Siége de Paris. Paris, 18mo, pp. 118.

1873. ROSENBACH, J. Untersuchungen über den Einfluss der Carbolsäure gegen das Zustandekommen der pyämischen und putriden Infection bei Thieren. Göttingen, 8vo, pp. 34, tab. lith. 4.

Infective pus of various kinds, proved to be capable of producing in rabbits and dogs pyæmia and similar phenomena, was mixed with carbolic acid by Dr. Rosenbach, and the mixtures were subcutaneously injected by him into these animals. The results upon the infective quality of the various sorts of pus thus treated, varied with the kind of pus, and apparently with other circumstances, which are studied by Dr. Rosenbach, but which require further examination before the influence of carbolic acid in this respect, and the quantities in which it requires to be used can be regarded as settled.—*Practitioner*, Nov., 1873, p. 474-5.

1874. DÉCLAT, G. Traité de l'Acide Phénique appliqué à la médecine. Deuxième éd. Paris, 18mo, pp. 1200, avec photographies.

1874. ERB, E. *Über den Einfluss subcutaner Carbolsäure-Einspritzungen auf die Körperwärme nach Infection durch putride Substanzen. Jena, 8vo, pp. 19.

1874. CHIARLEONI, G. Le iniezioni ipodermiche d'Acido Fenico nei processi morbosi Puerperali. Milan, 8vo, pp. 20.

1874. OLAVIDE, J. Del modo de administracion y applicacion del Acido Fenico en varias enfermedades en que se ha recomendado. Madrid, 4to, pp. 34.

1874. PÉCHOLIER, G. Sur l'indication de l'Acide Phénique, &c., dans le traitement de la Fièvre Typhoïde. *Vide* "Creasote," 1874.

1875. FLECK, —. On Carbolic Acid as a disinfectant. *Vide* "Disinfectants," 1875.

1875. ROTHE, C. G. Die Carbolsäure in der Medicin. Berlin, 8vo, pp. 63.

There is little, if any, novelty in this pamphlet, which is a reprint of a paper read at a medical society; it contains, however, a fair *résumé* of the surgical and medical applications of this acid, though the French and English authorities scarcely get their fair share of quotation or credit. See review by Dr. Woodman in *London Med. Record*, April 14, 1875, p. 234.

Vide also "Antiseptics" and "Disinfectants."

CARBON, SESQUICHLORIDE OF.

1856. MALEWSKI, A. Quædam de Camphora, Carboneo Sesquichlorato etc., meletemata. Dorpati Livon. 8vo, pp. 32.

CARBON, SULPHURET OF.

1867. GOURDON, P. *De l'intoxication par le Sulfure de Carbone. Paris, 4to.

1872. SESTINI, F. Fatti per servire alla storia del Sulfuro di Carbonio. Udine, 8vo, pp. 12.

1874. HUGUIN, L. *Sur l'intoxication par le Sulfure de Carbone chez les ouvriers en Caoutchouc soufflé. Paris, 4to.

1875. GUILLAUMET, P. Note sur l'emploi du Sulfure de Carbone dans le traitement des Plaies atoniques et des Ulcérations chroniques. Clichy, 8vo, pp. 7.

1875. MICHEL, E. Du Sulfure de Carbone dans le traitement externe des Ulcérations chroniques. Paris, 8vo, pp. 7.

Vide "Caoutchouc."

CARBONIC ACID.

Fixed Air. Mephitic Air, etc.

1764. MACBRIDE, D. Experimental Essays: 1. On the Fermentation of Alimentary Mixtures. 2. On the nature and properties of Fixed Air. 3. On the powers, &c., of different kinds of Antiseptics. 4. On Scurvy. 5. On the dissolvent power of Quicklime. London, 8vo. French transl. by M. Abbadie, Paris, 1766. German transl. by C. Rahn, Zurich, 1765.

Bibl. Med.-Chir. Soc.

This was, for its time, a very remarkable work, and has gained for its author a respectable place in the history of chemistry.—Sullivan in *Dublin Quart. Journ. Med. Sci.*, viii, p. 473.

1772. RUTHERFORD, D. *De Aere fixo dicto aut Mephitico. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1772. SMETH, D. DE. De Aere fixo. Francof. ad Rhen. 8vo. *Bibl. Acad. Edin.*

1772. PRIESTLEY, J. Directions for impregnating Water with Fixed Air, &c. London, 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

See also, by the same author, 'Experiments and Observations on different kinds of Air,' London, 1775-7, 3 vols. 8vo.

1773. HENRY, T. On Fixed Air. *Vide* "Magnesia," 1773.

1777. CORVINUS, J. F. Historia Aeris factitii...pars secunda, medica. Argentorati, 8vo.

1777. SAUNDERS, W. Observations and experiments on the power of Mephitic Acid in dissolving Stones in the Bladder. London, 8vo.

1778. HULME, N. Easy Remedy proposed for the relief of the Stone, Gravel, Scurvy, Gout, &c. London, 8vo.

The easy remedy, the virtues of which are here set forth, is carbonic acid.

1778. SCHINZ, S. De Aere ejusque speciebus, præcipue de Aere fixo. Zurich, 1781.

1778. NEUFVILLE, Z. *De natura Aeris fixi ejusque dotibus. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1778. JASSOY, J. Disp. medica sistens tentamina quædam cum Aere fixo in ægrotis instituta. Goettingæ, 4to. *Bibl. Acad. Edin.*

The result of his observations is to show that the powers of this gas as a medicine are not so great as many eminent men of the time thought them to be.—*Duncan's Med. Comm.*, vii, 1780, p. 301.

1779. DOBSON, M. A Medical Commentary on Fixed Air. Chester, 8vo. German transl. Leipsic, 8vo, 1781. *Bibl. Med.-Chir. Soc.*

The work is divided into ten sections:—1. On the different methods of procuring and administering fixed air (carbonic acid gas). 2. Its sensible effects in health taken internally. 3. Its effects in diseases of the putrid class. 4. Putrefaction and the means of correcting the putrid effluvium. 5. Effects of fixed air on the putrefactive process and on the putrid effluvium. 6. The use of fixed air in cachexies and phagedenic ulcers. 7. Use in some diseases of the stomach. 8. In the stone and gravel. 9. On the disposition to stone in the cyder counties compared with some other parts of England. 10. On the noxious effects of fixed air. See *Duncan's Med. Commentaries*, vii, 1780, p. 31.

1779. PLUNKET, P. *De Aere Mephitico. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1781. CHAPPON, J. An quibusdam morbis convenit Aer fixus proprie dictus? Nanceii, 4to.

1782. NEVEUX, J. N. *De causa mortis suffocatorum a vaporibus Mephiticis. Nanceii, 4to, pp. 32.

1782. EICKMA, O. C. Dis. continens nonnulla de Aere fixo quæ ad medicinam spectant. Lugd. Bat. 4to, pp. 27. *Bibl. Roy.*

1783. NYBERG, C. J. *De Aeris fixi usu medico nuper celebrato. Jenæ, 4to.

1783. SVENSKE, A. T. *De rite determinanda Aeris fixi in corpus humanum salutari efficacia. Gottingæ, 4to, pp. 38.

1784. EMMET, T. A. *De Aere fixo, seu Acido Aere. Edin. 8vo. *Bibl. Acad. Edin.*

1784. HELMBOLD, —. *De Aeris fixi usu medico. Pres. J. M. Luther. Erfordiæ, 4to, pp. 16.

1784. O'REILLY, E. *De Gas Acido Mephitico. Lugd. Bat. 4to, pp. 44.

1785. HALLE, M. Recherches sur la nature et les effets du Méphitisme, &c. Paris, 8vo.

1785. HARRISON, J. The remarkable effects of Fixed Air in Mortification of the Extremities, &c. London, 8vo. Second ed. appended to his Observations on Dry Belly-Ache. London, 1786. *Bibl. Med.-Chir. Soc.*

1786. HIGGINS, B. Observations on Fixable Air, &c. *Vide* "Acetic Acid," 1786.

1787. FALCONER, W. An account of the efficacy of the Aqua Mephitica Alkalina or solution of fixed alkaline salt saturated with Fixed Air in Calculous Disorders and other complaints of the urinary passages. Second ed., London, 8vo; fourth ed. ibid. 1792, 8vo, pp. 208. German transl. Leipsic, 1794. *Bibl. Med.-Chir. Soc.*

Contains the record of a large number of cases, many of them related by the patients themselves, which in the opinion of the author "evince, beyond a doubt, that the painful symptoms of calculous disorders have been removed, or ease procured by the use of this remedy, without any ill-effects on the general health, but, on the contrary, with great amendment of it in most cases."

1787. MENSCHING, J. H. *De Aeris Fixi et dephlogisticati in medicinâ usu. Gottingæ, 4to, pp. 106. *Bibl. Med. Soc. Lond.*

1790. WITTSTOCK, C. C. *Einige Beobachtungen zur Bestätigung der Heilkräfte der fixen Luft. Kiel, 8vo, pp. 47.

1794. EWART, J. History of two cases of Ulcerated Cancer of the Mamma, one cured and the other relieved by a new method of applying Carbonic Acid Air. Bath, 8vo, pp. 62, plate i. *Bibl. Med.-Chir. Soc.; Radcliffe.*

1794. BACHE, W. *On the morbid effects of Carbonic Acid Gas on healthy animals. Philadelphia, 8vo. *Bibl. Med.-Chir. Soc.*

1796. BRERA, V. L. Osservazioni e sperienze sull' uso delle Aere Mefitiche inspirate nella Tisi Pulmonare. Pavia, 8vo.

1796. MÜHRY, G. F. *De Aeris fixi inspirati usu in Phthisi Pulmonali. Gottingæ, 4to. *Bibl. Acad. Edin.*

1796. BEDDOES, T., and WATTS, J. On the medicinal use and production of Factitious Airs. 5 parts in 3 vols. 8vo. Bristol. *Bibl. Med.-Chir. Soc.*

1797. JOHNSON, J. An enquiry into the properties of Carbonic Acid Gas, its mode of operation, use in disease, and most effectual method of relieving animals affected by it. Philadelphia, 8vo, pp. 50.

1798. Brown, C. On Scrophulous Diseases, showing the good effects of Factitious Airs. London, 8vo. *Bibl. Med.-Chir. Soc.*

1798. CAVALLO, T. On the medicinal properties of Factitious Airs, with appendix on Blood. London, 8vo. *Bibl. Med.-Chir. Soc.*

1800. ROEBER, F. F. *Aër Mephitica noxiusne in morbis putridis an salutaris. Præs. C. G. Eschenbach. Lipsiæ, 8vo, pp. 30.

1814. FYFFE, A. *De Acido Carbonico. Edin. 8vo.

1816. LENZ, F. H. B. *Diss. sistens Gas Carbonici et Gas Carbonici Oxydati affectus malignas in corpus humanum. Vratislaviæ, 4to, pp. 13.

1822. FILEHNE, S. J. *De Acidi Carbonici usu medico. Berol. 8vo.

1831. HEIDLER, C. J. Ueber die Schutzmittel gegen die Cholera, und darunter insbesondere über das kohlensäure Gas zum äusserl. und innerl. Gebrauche. Prague, 8vo, pp. 98.

1836. PARKIN, J. On the efficacy of Carbonic Acid Gas in Diseases of Tropical Climates, with directions for the treatment of the acute and chronic stages of Dysentery. London, 8vo, pp. 64. German transl. by J. Zschokke, Leipzig, 1837, 8vo. Italian transl. by G. Pappalardo, Messina, 1841, 8vo.

1836. PARKIN, J. On the antidotal treatment of Epidemic Cholera, &c. London, 8vo, pp. 112. *Bibl. Med.-Chir. Soc.*

In these two works we see indications of much industry, zeal and philantrophy...A sense of public duty, however, obliges us to state that we hardly recollect to have seen compressed within the same extent of space so much unfounded hypothesis, gratuitous assumption and illogical inference, redeemed by so little matter of fact of any value.—*Brit. For. Med. Rev.*, Jan., 1837, p. 180. The author seems to have based his conclusions on very limited and imperfect data.

1843. VENABLES, R. Directions for the preparation of Aerated Waters and various compounds of Carbonic Acid Gas, &c. London, 12mo, pp. 108.

1856. MIALHE, L. Du rôle chimique de l'Acide Carbonique dans l'économie animale. Paris, 8vo, pp. 16.

1858. DOR, H. *Die Kohlensäure als Mittel zur künstlichen Einleitung der Frühgeburt. Würzburg, 8vo, pp. 47.

1858. LE JUGE, E. *Essai sur quelques modes de traitement des Affections de l'Utérus, et en particulier sur l'emploi du Gaz Acide Carbonique. Paris, 4to, pp. 78. *Bibl. Med.-Chir. Soc.*

1859. MEYER, L. Diss. de sanguine Oxydo Carbonico infecto. Vratislaviæ, 4to, pp. 12.

1860. SALVA, E. *Du Gaz Acide Carbonique comme analgésique et cicatrisant des Plaies. Paris, 8vo, pp. 42.

1864. HERPIN, J. C. De l'Acide Carbonique, de ses propriétés physiques, chimiques et physiologiques, de ses applications thérapeutiques comme anesthétique, désinfectant, cicatrisant, résolutive, &c., dans les plaies et les ulcérations; dans les maladies des organes de la digestion, de la respiration, de l'innervation, de la génération et spécialement de l'utérus, de la vessie, &c. Paris, 18mo, pp. 564.

A valuable work of reference on all that relates to the physiological effects, the medical properties and therapeutic applications of carbonic acid.

1867. ROGER, J. *Étude physiologique et thérapeutique de l'Acide Carbonique. Paris, 4to.

1873. THIBAUD, L. Essai sur les propriétés thérapeutiques de l'Acide Carbonique: son emploi dans la médecine civile, hôpitalière et thermale. Paris, 8vo, pp. 100.

CARDAMOMUM.

The Cardamom.

1595. MAROGNA, N. De Amomo Comment. &c. Verona, 4to. Ed. alt. Basileæ, 4to, 1608. *Bibl. Linn. Soc.* (ed. 1608).

1604. MARTINELLI, C. Raggionamenti sopra l'Amomo e Calamo aromatico nuovamente avuto de Malacca. Venezia, 4to.

1704. KRAUSE (vel CRAUSIUS), R. W. *De Cardamomis. Resp. J. C. Rhein. Jenæ, 4to, pp. 44, tab. i. *Bibl. Banks.*

Analysin habet, aquam, oleum, spiritum, non simplicem, sales volatiles oleosos, extractum resinosum.—*Haller, Bibl. Bot.*, i, p. 611.

1751. MARTINI, —. On the use of the Essential Oil of Cardamoms. *Vide* "Cajuput Oil," 1751.

1762. SPIELMANN, J. R. *Cardamomi historia et vindicia. Resp. J. Herrmann. Argentorati, 4to. *Bibl. Linn. Soc.; Coll. Surg. Lond.*

1843. PEREIRA, J. On the Ceylon Cardamom. 8vo. Also, On Grains of Paradise. London, 8vo. *Bibl. Med.-Chir. Soc.*

Both these pamphlets are reprints from the 'London Pharmaceutical Journal;' they contain one of the fullest and truest descriptions of the various kinds of cardamoms extant, and are reproduced with additional matter in the author's admirable 'Elements of Mat. Med. and Therapeutics,' ed. 1855, vol. ii, part i, p. 243-263. These, together with some valuable papers (with illustrations) by the late Daniel Hanbury, reprinted in his posthumous 'Science Papers,' constitute an exhaustive account of this article of the materia medica, looked at from a pharmacological point of view.

CARDAMINE PRATENSIS, Linn.

Cardamine, Cuckoo-Flower.

1785. HAGEN, C. G. *De Cardamine pratensi. Resp. H. C. E. Grohnert. Regiomonti, 4to, pp. 16. *Bibl. Linn. Soc.*

Analysis: vires antiscorbuticæ, nephriticæ. — *Haller, Bibl. Bot.*, ii, p. 271.

1793. NAGEL, L. A. *Diss. Cardaminæ pratensis characterem botanicum et usum medicum sistens. Francof. ad Viad. 4to, pp. 16.

CARDUUS BENEDICTUS. See CENTAUREA BENEDICTA, Linn.

CARDUUS MARIANUS, Linn.

Common Milk Thistle.

1852. REIL, W. Disp. de Carduo Mariæ pharmaco. Halæ, 8vo, pp. 39.

CAREX ARENARIA, Linn.

1772. MAIER, C. G. Diss. de Carice Arenaria sive Sarsaparilla Germanica. Francf. ad Viad. 4to, pp. 40. *Bibl. Banks*

1784. MERZ, C. F. *De Caricibus quibusdam medicinalibus Sarsaparillæ succedaneis. Erlangæ, fol. pp. 30. *Bibl. Banks.*

In both of these works we meet with an accurate botanic and chemical history of the plant in question; but neither of the writers seems to relate anything of importance from their personal experience concerning its effects in disease. Dr. Merz supposes two other species of Carex, *C. disticha* and *C. hirta*, to be of equal efficacy with *C. arenaria*.—*London Med. Journal*, vi, p. 413.

1802. HUESER, F. De Carice Arenaria. Göttingen, 8vo, pp. 28, tab. i.

CARIBÆI CORTEX.

The bark of Exostemma Caribæum, Willd.

1784. KENTISH, R. On a new species of Bark, &c. *Vide* "Cinchona," 1784.

1786. SKEETE, T. On the Quilled or Red Peruvian Bark, &c. *Vide* "Cinchona," 1786. With an Appendix on the Cinchona Caribæa. London, 8vo. *Bibl. Med.-Chir. Soc.*

1793. AUFMKOLK, F. W. *De Cortice Caribæo, Cortici Peruviano substituendo. Gottingæ, 8vo, pp. 39. *Bibl. Banks.*
Vide also "Cinchona."

CARUM CARUI, Linn.

The Caraway.

1840. MILHAU, J. L. *Diss. de Semine Carui. Argentorati, 4to, pp. 26. *Bibl. Linn. Soc.; Coll. Surg. Lond.*

Utilitas œconomica et medica.—*Haller, Bibl. Bot.*, ii, p. 313.

CARYOPHYLLUS AROMATICUS, Linn.

The Clove.

1701. HOFFMANN, F. *De Caryophillis aromaticis. Resp. F. Friedel. Halæ, 4to, pp. 39. *Bibl. Banks.*

1717. HOFFMANN, F. *De Sphacelo ex causa interna feliciter curato. Lugd. Bat. 4to.

Oleo caryophylli in spiritu vino soluto compressus.—*Haller, Bibl. Med. Pract.*, iii, p. 263.

1730. NEUMANN, C. Lectiones publicæ de Opio et Caryophillis aromaticis, &c. Berlin, 4to, pp. 226.

Caryophyllorum arbor, et historia naturalis. Analysis: partes oleosæ a resinosis distinctæ, in quarum utrisque plantæ vires latent. Hæc, et omnia auctoris scripta legi merentur.—*Haller, Bibl. Bot.*, ii, p. 189.

1788. HAST, H. R. *Diss. med. de Caryophilis aromaticis. Præs. C. P. Thunberg. Upsaliæ, 4to. *Bibl. Linn. Soc.; Med. Soc. Lond.*

For analytical review see *Duncan's Med. Commentaries*, xv, 1790, p. 46 *et seq.*

CASCARILLÆ CORTEX.

Cascarilla.

1692. SALAT (vel SALAS), V. G. Unica quæstincula in qua examinatur pulvis de Quarango, vulgò Cascarillæ, in curatione Tertianæ et Quartanæ. Valentiæ, 4to.

1738. BOEHMER, P. A. *De Cortice Cascarillæ, ejusque insignibus in medicinâ viribus. Præs. F. Hoffmann. Halæ, 4to, pp. 60. *Bibl. Banks.*

Icon ex Catesby, descriptio (Cascali) a Seba. Analysis: aqua odorata, oleum æthereum, extracta gummosa et aquosa, &c.—*Haller, Bibl. Bot.*, ii, p. 300.

1863. DANIELL, W. F. On the Cascarilla Plants of the West Indies and Bahama Islands. (Ex. in *Lond. Pharm. Journ.*, iv, n. s, pp. 144, 226.) London, 8vo.

CASSAVA AMARA. Vide MANIHOT.

CASTOREUM. CASTOR.

1677. FASCH, A. H. *Diss. de Castoreo. Resp. — Krausoldt. Jenæ, 4to.

1685. FRANCKE, J. Castorologia, explicans Castoris animalis naturam et usum medico-chymicum a J. Mario, &c. August. Vindob. 8vo. French transl. by M. Eidous, Paris, 1746, 8vo, pp. 280, tab. 3. *Bibl. Med. Soc. Edin.; Med. Soc. Lond.*

Vires medicas castorei in omnibus pene morbis repetit, et formulas quas ingreditur, et singularia etiam scriptorum nomina, qui eo auxilio sint usi.—*Haller, Bibl. Med. Pract.*, iii, p. 638.

1701. VESTI, J. De Castoreo, physicè et medicè considerato. Erfordiæ, 4to.

1730. NEUMANN, G. De Succino, Opio...et Castoreo. Berol. 4to, pp. 226.

1731. TELEMAN, A. (dictus Schenck). Diss. de Castorei natura et genuino in praxi medica usu. Jenæ, 4to.

1741. HILSCHER, S. P. *De Castorei natura et genuino in praxi medica usu. Jenæ, 4to.

This and the preceding work are both given by Mérat and De Lens; but I strongly suspect, from the similarity of titles, that they are the same work. I can find it neither in Haller's nor other works to which I have access.

1752. BUCK, T. *De Castoreo. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*

1786. LINCK, J. W. *Historia naturalis Castoris et Moschi. Resp. F. A. Dürr. Lipsiæ, 4to, pp. 28, tab. ii. *Bibl. Banks.*

1795. HAAS, W. A. C. *Analysis Castorei chemica. Erlangæ, 4to.

1804. MUCHE, F. G. A. De Castoreo, ejusque in medicina usu. Francof. ad Viad. 4to.

1806. BONN, A. C. Anatome Castoris, atque chemica Castoris analysis, ejusque in medicina usus. Lugd. Bat. 4to, tab. i. *Bibl. Roy.*

1852. HEUSINGER, C. F. Meletemata quædam de antiquitatibus Castorei et Moschi. Marburgi, 4to, pp. 31.

1858. WILSON, C. On the prior existence of the Castor Fiber in Scotland, with its ancient and present distribution in Europe, and on the use of Castoreum. Edin. 8vo.

A most interesting pamphlet, well worthy of the attention of those who take an interest in the subject of the history of remedies, while, at the same time, it is a model of what such contributions to medical literature ought to be.—*Glasgow Med. Journ.*, Oct., 1858, p, 369.

CATECHU.

(Extract of Acacia Catechu, Linn.)

1679. HAGENDORN, E. Tractatus physico-medicus de Catechu seu Terra Japonica in vulgus sic dicta. Jenæ, 12mo, pp. 81. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

Hagendorn was the first to demonstrate by experiments the vegetable origin of this article. It had previously been regarded as an earthy substance, as its old name indicates.

1739. KIRSTEN, A. J. *Vide* "Areca Catechu," 1739.

1779. WERTMÜLLER, C. H. Diss. botanico-medica de Catechu. Gottingæ, 4to, pp. 52. Idem in *Murray's Opuscul.*, vol. ii, p. 77-138. *Bibl. Banks; Acad. Edin.*

Contains many particulars as to the preparation, physical characters, varieties and medical virtues of catechu. It is to be hoped, however, that his general information is more correct than his botanical, as he refers the *Areca* palm to the genus *Mimosa*. See *Duncan's Med. Commentaries*, v ii, p. 412.

1812. AMOREUX, P. J. Diss. historique et critique sur l'origine du Cachou. Montpellier, 8vo, pp. 56.

1841. ZWENGER, C. *Nonnulla de Catechino. Giessæ, 4to, pp. 18.

1847. GUIBOURT, N. Mémoire sur les astringents connus sous les noms de Cachou, Gambir et Kino. Paris, 8vo, pp. 76.

1865. HLASIWETZ, H. Über das Catechu und das Catechin. Vienna, 8vo.

CEDRELA FEBRIFUGA, Blume.

1836. FORSTEN, E. A. *Diss. de Cedrela febrifuga. Præs. N. C. Kist. Lugd. Bat. 4to, pp. 34, tab. i. *Bibl. Linn. Soc.*

CEDRON. Vide SIAMBA CEDRON.

CENTAUREA (CNICUS) BENEDICTA, Linn.

Blessed or Holy Thistle.

1578. BRASBRIDGE, T. The Poore Man's Jewell, &c. *Vide* "Angelica," 1578.

1669. PETRI VON HARTENFELSS, G. C. Asylum languentium seu Carduus sanctus vulgo benedictus, medicina patrum familias poly-

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chresta, verusque pauperum thesaurus, &c. Jenæ, 8vo, pp. 252, tab. 2. Ed. secund. Lipsiæ, 1698.
Bibl. Med.-Chir. Soc.; Linn. Soc.; Coll. Phys. Edin.

Farraginem formularum tradit, quas hæc herba ingreditur, viresque pene ad omnes morbos extollit.—*Haller, Bibl. Bot.*, i, p. 545.

1738. OTTO, G. C. *De Carduo benedicto. Argentorati, 4to, pp. 24.
Bibl Coll. Surg. Lond.; Radcliffe.

CENTAUREA CENTAURIUM, Linn.

Great Centaury.

1765. HILL, SIR JOHN. Centaury, the great stomachic: its preference to all other bitters in that it gives an appetite and good digestion, and neither heats nor binds the body.
London, 8vo, pp. 40. *Bibl. Med.-Chir. Soc.*

A very superficial production, like many of this author's other works; undue or undeserved praise is lavished on the virtues of this plant.

CENTAUREA CYANUS, Linn.

1787. BOEHMER, G. R. Cyano segetum nuper imputatum virus limitatur. Wittenbergæ, 4to, pp. 12.

A different title from that given above by Pritzel occurs in Mérat et De Lens, where it is as follows:—"Prolusio quò Cyani segetum nuper expertæ vires laudantur," Wittembergæ, 4to.

CERASUS. Vide PRUNUS.

CERIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... Cerium, &c., auf d. thierischen Organismus. Tübingen, 8vo.
Rev. *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 137.
Vide "Metals," 1825. *Bibl. Coll. Surg. Lond.*

CERVUS ELEPHAS, Linn.

The Stag.

1604. MAJOR, —. Ελαφοδιδασκαλος, &c. Brunsvigæ, 4to.

1617. AGRICOLA, J. G. Cervi tum integri et vivi natura et proprietates tum excoriati et depleti in medicina usus.
Ambergæ, 4to.

1625. BAUHIN, C. De Lapidis Bezaaris, orient. et occident. Cervini ortu, natura et usu, &c. Basileæ, 12mo.

1639. ROLFINK, W. Ελαφολογια seu de natura Cervi ejusque usu et arcanis hermeticis, in foro Asclepiadis utilissimis.
Jenæ, 4to.

1667. GRABA, J. A. Ελαφογραφια sive Cervi descriptio phys. med. chym. &c. ad multifarium usum præsertim medicum.
Jenæ, 8vo. *Bibl. Roy.*

1697. WALDSCHMIED, G. U. *De Salis volatilis Cornu Cervi crystallisatione, &c. Resp. J. Hartmann. Kiloniæ, 4to.

1699. STAHL, G. E. Diss. de Cornu Cervi deciduo, &c. Halæ, 4to.

1704. VESTI, J. De Cornu Cervi ejusque vi bezoardica. Erfordiæ, 4to.

1718. VALERIUS, —. Diss. de Cervis. Upsaliæ, 8vo.

1730. HARMES, L. De Cornu Cervi ejusdemque usu et abusu. Regiomonti, 4to.

1753. ZIEGLER, F. DE. De Liquore Cornu Cervi succinato. Resp. —Kahl. Rinteliæ, 4to.

CETACEUM.

Spermaceti.

1565. CORDUS (VALERIUS). De Halosantho seu Spermate Ceti vulgò dicto liber. Impr. in Gesner "De Omni rerum Fossilium genere, &c." Tiguri, 8vo.
Bibl. Linn. Soc.; Med.-Chir. Soc.; Radcliffe; Banks.

1671. SCHOLTZ, A. S. *Cerebrum Orcæ vulgaris supposititiâ Spermatis Ceti larvâ develatum, &c. Præs. M. Etmüller. Lipsiæ, 4to. *Bibl. Coll. Surg. Lond.; Banks.*

1701. VESTI, J. Diss. de Hercule medico communiter dicto Spermate Ceti. Resp. M. F. Schneider. Erfordiæ, 4to, pp. 40.
Bibl. Banks.

1711. HENNINGER, J. S. *Disputatio medica de Sperma Ceti. Resp. J. G. Wilhelm. Argentorati, 4to, pp. 22. *Bibl. Banks.*

1744. MAGNY, — DE. *An Sperma Ceti narcoticis sociatum remedium in Pleuritide præstantissimum. Paris, 4to.

CETRARIA (LICHEN) ISLANDICA, Ach.

Iceland Moss.

1744. HIAERNE, U. Analysis Lichenis Islandici. Holm. 4to.

1769. SCOPOLI, J. A. Lichenis Islandici vires medicæ. (In ejus *Ann. Hist. Nat.*, vol. ii, p. 107, 118.) Lipsiæ, 8vo. *Bibl. Banks.*

1778. REISSE, H. S. E. *Diss. med. de Lichene Islandico. 4to.

1778. TROMMSDORFF, W. B. De Lichene Islandico. Erfordiæ, 4to, pp. 20.

1779. EBELING, T. P. C. De Quassia et Lichene Islandico. Glasgow, 8vo, pp. 58. Idem in *Schlegel Thes. Mat. Med.*, vol. ii, p. 253. *Vide* "Quassia," 1779.
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).
Rev. in *Duncan's Med. Comment.*, vi, 1779, p. 367.

1780. CRAMER, W. C. P. *De Lichene Islandico. Erlangæ, 4to, pp. 64. Idem in *Schlegel Thes. Mat. Med.*, vol. i, p. 263.
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).

1791. ELSNER, C. F. Prog. duo de Lichene Islandico. Königsberg, 4to.

1791. STARING, B. J. H. *De viribus Lichenis Islandici. Harderovici, 4to, pp. 33.

1802. REGNAULT, J. B. Observations on Pulmonary Consumption, or an Essay on the Lichen Islandicus, considered both as an aliment and a medicine in that disease. London, 8vo, pp. 82, tab. col. i. Second ed. ibid. 1806. French transl. Paris, 1802, 1805, 8vo. *Bibl. Med.-Chir. Soc.*

Dr. Regnault lays no claim to the discovery of a panacea or even specific for all cases of consumption. . . . . His chief object is to recommend a new and improved method of employing the lichen; he is minute in his directions for its purification and preparation. He gives a history of twenty cases of consumption successfully treated with this and other means combined.—*Med. Phys. Journ.*, viii, 1802, p. 465.

1803. REECE, R. Observations on the anti-phthisical properties of Lichen Islandicus or Iceland Moss. London, 8vo, pp. 32.

The principal object of this pamphlet appears to be to suggest some improvements upon Dr. Regnault's mode of employing the lichen, founded on a division of its properties into the bitter and the mucilaginous; and combining them, according to the indications, with other auxiliaries.—*Med. Phys. Journ.*, xi, 1804, p. 90.

1815. PENCATI, COUNT G. M. Memoria sull' introduzione del Lichene Islandese come alimento in Italia. Venetia, 4to, pp. 102.

1836. RENARD, J. A. Histoire naturelle, chimique et médicale du Lichen d'Islande. Paris, 8vo, pp. 76, tab. i.

1846. MEESEN, L. De la Phthisie Pulmonaire...ainsi que sur l'emploi du Lichen d'Islande, &c., dans cette maladie. Ghent, 12mo.

CEYLON MOSS. Vide PLOCARIA CANDIDA.

CHÆROPHYLLUM BULBOSUM, Linn.

1801. LONDES, F. W. De Chærophyllo bulboso, ejusque usu cum medico tum botanico. Gottingæ, 4to, pp. 25, tab, i.

CHELIDONIUM MAJUS, Linn.

Great Celandine.

1785. CREUZBAUER, G. A. *Diss. de radicis Chelidonii majoris ad solvendos pellendosque cholelithos efficacia, &c. Argentorati, 4to, pp. 22. *Bibl. Roy.*

1786. GLUMM, J. A. *De Chelidonio majori. Idem in *Leidenfrost Opusc.*, vol. iv, No. 1. Duisburgi, 4to, pp. 18. *Bibl. Banks.*

1790. SCHALLERN, G. A. J. VON. Chelidonii majoris virtus medica. Erlangæ, 4to, pp. 31. *Bibl. Roy.*

CHENOPODIUM AMBROSIOIDES, Linn.

1757. CARTHEUSER, J. F. *De Chenopodio Ambrosioide. Resp. F. H. W. Martini. Francof. ad Viad. 4to, pp. 42. *Bibl. Banks.*

CHENOPODIUM ANTHELMINTICUM, Linn.

1854. GARRIGUES, S. S. *Chemical investigations on Radix Ginseng, Oleum Chenopodii anthelmintici, &c. Göttingen, 8vo, pp. 25.

CHENOPODIUM BONUS HENRICUS, Linn.

1714. EYSEL, J. P. *Disp. de Bono Henrico oder Guten Heinrich. Resp. G. C. Jeutsch. Erfordiæ, 4to, pp. 24. *Bibl. Banks.*

CHIRETTA (OPHELIA CHIRATA, D C.).

1803. HENDERSON, J. Diss. on the Bit-noben (or Khalla Neemuck) of the Hindoos, &c., with remarks on the Cerayta of the Hindoos, &c. London, 8vo.

I have placed this work under the heading of Chiretta, but it is quite an open question whether the article referred to by Henderson is not Andrographis paniculata, *Nees*, the common Hindú name of which is Kariyát. The similarity of the native names of the two plants has often led to mistakes; but as they both very nearly agree in medical properties, both being tonic and stomachic, it is of little consequence.

1830. REECE, R. On Lobelia Inflata, *q. v.* To which is added an account of the Chirayita herb lately introduced as a remedy for nervous and gouty indigestion, morbid sensibility of the stomach, &c. London, 8vo, pp. 39. *Bibl. Coll. Surg. Lond.*

CHLORACETIC ACID.

1868. URNER, F. A. *Ueber die Chloressigsäure als Aertzmittel. Bonn, 8vo.

The general result of the experiments and observations contained in this pamphlet seems to be to establish chloracetic acid as an excellent caustic; very powerful and at the same time very manageable. Trials, with excellent results, were made with it on warts, corns, nævi, condylomata, a case of lupus exculcerans, &c. See *Practitioner*, August, 1869, p. 116-117.

CHLORAL AND HYDRATE OF CHLORAL.

1869. LIEBREICH, O. Das Chloralhydrat, ein neues Hypnoticum und Anæstheticum und dessen Anwendung in der Medicin. Berlin, 8vo, pp. 60. Third ed. ibid. 1873. French trans. by J. Levaillant, Paris, 1870, 8vo, pp. 71. *Bibl. Med.-Chir. Soc.*

For further original remarks by this author, see *London Med. Record*, 1874, p. 149.

1869. HASSEWICZ, S. *De la Chorée et de son traitement par le Chloral. Paris, 4to.

1869. RUPSTEIN, F. Das Chloralhydrat (chemical). Göttingen, 8vo, pp. 31.

1869. BOUCHUT, E. Des effets physiologiques et thérapeutiques de l'Hydrate de Chloral. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

For analytical notice of this interesting pamphlet see *Practitioner*, Feb., 1870.

1870. FAURE, J. *De l'Hydrate de Chloral et de ses propriétés physiologiques et thérapeutiques. Paris, 4to.

1870. LECACHEUR, A. *De l'Hydrate de Chloral et de son emploi dans les accouchements. Paris, 4to. *Bibl. Med.-Chir. Soc.*

1870. NAPIERALSKI, E. *Du Chloral au point de vue chimique, physiologique et thérapeutique. Paris, 4to.

1870. ROUGEOT, —. *Chimie du Chloral. Recherches cliniques et expérimentales. Paris, 4to.

1870. MOLESCHOTT, J. Osservazioni sugli effetti terapeutici dell' Idrato di Cloralo. Torino, 8vo. *Bibl. Med.-Chir. Soc.*

1870. PORTA, L. Della amministrazione del Cloralio. Milan, 4to. *Bibl. Med.-Chir. Soc.*

1870. SCOUTETTEN, —. Du Chloral. Résumé de son histoire chimique et thérapeutique. Paris, 8vo, pp. 48.

1870. LEBAIGUE, J. Observations sur la préparation, et les propriétés physiques et chimiques du Chloral et de ses composés. Paris, 8vo, pp. 13.

1870. ZANI, J. Intorno l'efficacia ipnotica del Cloralio idrato in diverse forme di Malattie Mentali. Bologna, 8vo, pp. 69.

1870. RUSSELL, J. B. Clinical Observations on Hydrate of Chloral as a hypnotic in Typhus. (Reprint from *Glasgow Med. Journal.*) Glasgow, 8vo, pp. 16.

1870. MAURY, P. H. *Des effets physiologiques du Chloral et de son emploi thérapeutique. Montpellier, 4to, pp. 39.

1870. ROUQUETTE, A. Des effets physiologiques et des applications thérapeutiques de l'Hydrate de Chloral. Nîmes, 4to, pp. 72.

1870. KIDD, C. Hydrate of Chloral and Nitrous Oxide Gas as Anæsthetics. London, 8vo, pp. 12.

1870. SOUBISE, A. *Du Tétanos: pathogénie; traitement par l'Hydrate de Chloral. Paris, 4to, et 8vo, pp. 74.

1871. FRANZOLINI, F. Chloral in Tetanus. *Vide* "Physostigma," 1871.

1871. BYASSON et FOLLET, MM. Étude sur l'Hydrate de Chloral et le Trichloracétate de Soude. Paris, 8vo, pp. 64.

1871. LECACHEUR, A. De l'Hydrate de Chloral et de son emploi dans les Accouchements. Paris, 8vo, pp. 78.

1871. PAVESI, C. Del Cloralio Idrato e sue nuove proprietà antisettiche, antifermentative e disinfettanti. Mortara, 8vo, pp. 48.

1871. PIOVENE, C. Due casi di Tetano traumatico curati coll' Idrato di Cloralio. Padova, 8vo, pp. 28.

1871. CAMBOULIVES, M. *Étude critique sur le Chloral. Paris, 4to.

1871. MAGNAUD, E. *Recherches sur les propriétés physiologiques du Chloral Hydraté. Paris, 4to.

1871. PETRINI, P. *Vide* "Narceine," 1871.

1871. SQUIRE, W. On Chloral in Puerperal Temperatures. *Vide* "Chloroform," 1871.

1872. MAGNAUD, E. Des effets du Chloral Hydraté sur les organismes vivants. Paris, 8vo, pp. 47.

1872. CAMPBELL, J. A. On Chloral in Maniacal Excitement. *Vide* "Hyoscyamus," 1872.

1872. GRIGNON, G. *De l'Hydrate de Chloral et de son emploi en médecine et en chirurgie. Paris, 4to.

1872. OFFRET, G. P. *Quelques considérations sur le Chloral. Paris, 4to.

1872. DESGRANGES, —. Du Chloral. Lyon, 8vo, pp. 22.

1872. HORAND, A. et PEUCH, —. Du Chloral; études cliniques et expérimentales: recherches de ses antidotes. Paris, 8vo, pp. 149.

1872. HESSE, F. *On the employment of Chloral Hydrate in Midwifery (in German). Berlin, 8vo.

A short abstract of this dissertation is given in *London Med. Record*, March 26, 1877, p. 179.

1873. BESNIER, J. De l'emploi du Chloral Hydraté comme adjuvant de l'Opium dans un cas de menace d'Avortement. Paris, 8vo, pp. 8.

1873. DUJARDIN-BEAUMETZ, —. Des applications externes de l'Hydrate de Chloral et du Métachloral. Paris, 8vo, pp. 15.

1873. DUJARDIN-BEAUMETZ, et HIRNE. Des propriétés antifermentescibles et antiputrides des solutions d'Hydrate de Chloral et leur application en thérapeutique. Paris, 8vo, pp. 12.

1873. BLANC, H. Choléra et Chloralum prophylactif et antidote. Paris, 8vo, pp. 12.

1873. FRANCA Y MAZORRA. *Sur l'emploi de l'Hydrate de Chloral dans les Accouchements et l'Éclampsie. Paris, 4to.

1873. PELLISSIER, A. *Des indications de l'Hydrate de Chloral dans l'Accouchement. Paris, 4to et 8vo, pp. 78.

1873. ARMAND, P. Chloral in Hooping Cough. *Vide* "Potassii Bromidum," 1873.

1874. FAWNY, P. *De l'Hydrate de Chloral dans l'Éclampsie Puerpérale. Paris, 4to.

1874. GONTIER, L. A. *Du traitement du Tétanos traumatique par l'Hydrate de Chloral. Paris, 4to.

Dr. Gontier in this thesis reports twelve cases of tetanus treated by chloral. An analysis of these leads to the following conclusions:—Chloral may render great service in the treatment of chronic or sub-acute tetanus, and is especially preferable to other drugs. It is completely inefficacious, or has only a slight palliative action in acute tetanus. Intra-venous injections are extremely dangerous, and should in the present state of science be reserved for exceptional cases.—*London Med. Record*, April 21, 1875, p. 246.

1874. JOURDAA, J. *Étude sur le Chloral dans le Tétanos. Paris, 4to.

1874. LISSONDE, L. *Du Chloral Hydraté: étude chimique, physiologique et thérapeutique. Paris, 4to. Ibid. 8vo, pp. 112.

1874. MIQUEL, A. *Du Chloral, et de son emploi après les opérations chirurgicales. Paris, 4to.

1874. COIGNARD, C. *Des applications externes de l'Hydrate de Chloral. Paris, 4to.

1874. FERRARI BRAVO, A. Caso di Tetano traumatico, guarito col bagno caldo protratto, e con iniezioni ipodermiche di Cloralio. Padova, 8vo, pp. 10.

1874. MASCARO, J. B. Deux cas de Tétanos traumatique traités par le Chloral Hydraté, et suivis de guérison. Paris, 8vo, pp. 11.

1875. LEFEVRE, L. *Aperçu sur quelques applications de l'Hydrate de Chloral en thérapeutique. Paris, 4to.

1875. CHOUPPE, H. Sur l'emploi de l'Hydrate de Chloral comme Anesthésique dans l'accouchement naturel. Paris, 8vo, pp. 24.

1875. ORÉ, —. Études cliniques sur l'anesthésie chirurgicale par la méthode des injections de Chloral dans les veines. Paris, 8vo, pp. 151.

For a summary of Dr. Oré's conclusions, see *Brit. and For. Med. Chir.-Rev.*, April, 1873, p. 493.

1875. DENEFFE et VAN WETTER, MM. De l'Anesthésie produite par l'injection intra-veineuse de Chloral selon la méthode de M. Oré. Bruxelles, 8vo, pp. 225.

1875. BENNETT, J. H. On the Antagonism of Hydrate of Chloral, Strychnia, and Calabar Bean. *Vide* "Medicines, Properties of," 1875.

CHLORAL-CROTON vel CROTON-CHLORAL.

1874. WEILL, A. *Du Croton-Chloral Hydraté, ses propriétés, son emploi. Paris, 4to. Ibid. Paris, 1875, 8vo, pp. 51. *Bibl. Med.-Chir. Soc.*

CHLORAL-UREA.

1872. LANGGAARD, A. *Ueber Chloralharnstoff (Chloral-Urea), und seine Wirkung auf den thierischen Organismus. Berlin.

The author here investigates under Liebreich's direction the action of chloral-urea, first described by Jacobsen, prepared by adding excess of solution of urea to a solution of chloral-hydrate. In its action it seems to be very similar to that of bromal-hydrate. An abstract of Dr. Langgaard's observations is given in *London Med. Record*, March 12, 1873, p. 150.

CHLORINE.

1791. GUILBERT, —. De nova infectionis, fortasse contagionis destruendæ methodo. Paris, 8vo.

Advocates chlorinated solutions with the view of preventing the absorption of poison germs through the skin.

1820. PREVITALI, G. Sull' Idrofobia e nuova cura profilatica (Chlorine). Milan, 8vo, pp. 84.

1822. WALLACE, W. Researches respecting the medical powers of Chlorine, particularly in Diseases of the Liver, with a new and efficacious mode of applying this agent. London, 8vo, pp. 164. *Bibl. Med.-Chir. Soc.*

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1825. STIPRIAAN LUISCIUS, A. VAN. Mém. sur les fumigations Guytoniennes (en Hollandais) couronné par la Soc. des Sci. de Harlem. Harlem.

1825. WETZLER, J. E. Sur l'utilité du Gaz Muriatique Oxygéné comme moyen de désinfecter l'air et comme remède (en Allemand). Augsburg, 8vo.

1825. SEMMOLA, —. De l'usage du Chlore dans l'Hydrophobie. Cinodia.

1826. HÜNEKE, J. C. F. *De Chlori usu medico. Berol. 8vo, pp. 21.

1827. STRATINGH, S. Chlorineverbindingen, &c. Gröningen, 8vo, pp. 492, tab. 5. German transl. from the Dutch. Ilmeneau, 1829, 8vo. *Bibl. Roy.*

1830. GANNAL, J. N. Du Chlore employé comme remède contre la Phthisie pulmonaire. Paris, 8vo. (With plate of inhaler.) Ibid. 1832. *Vide* next article.

1830. GANNAL, J. N. Two Memoirs read before "l'Académie Royale des Sciences" at Paris on the successful inhalation of Diluted Chlorine in the early stages of Pulmonary Consumption, as a remedy capable of prolonging life and of alleviating the distressing symptoms in the more advanced stages of that complaint; with cases. Translated from the French by W. H. Potter. London, 8vo, pp. 93. *Bibl. Med.-Chir. Soc.*

In M. Gannal's two memoirs eight cases of consumption treated by chlorine inhalation are detailed; of these, four died, two improved, one was alleged to have recovered, but the data in support of the assertion could not be procured, and one was an apparent instance of complete recovery, but as the only proof of the existence of tubercular phthisis consisted in the presence of general symptoms, even this case should be received with caution. A stronger case in point is one by M. Costa, appended by the translator. Undoubtedly M. Gannal makes out a strong case in favour of the palliative effects of chlorine in consumption.—*Edin. Med. Surg. Journ.*, xxxv, 1831, p. 383-394. See also *Med.-Chir. Rev.*, Dec., 1830, p. 103-108.

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1831. TÜNNERMANN, J. Ueber das Chlor, und einige andere chemische Räucherungsmittel, &c. Hersfeld, 8vo, pp. 36.

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1833. BRANDES, R. Ueber das Chlor, seine Verbindungen und d. Anwendung desselben, besonders bei ansteckenden Krankheiten, &c. Lemgo, 8vo, pp. 76.

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1849. HEINDL, A. Chlor gegen Cholera, als therapeutischer Beitrag. Augsburg, 8vo, pp. 15.

1861. HERVIEUX, E. Du traitement des Ulcères graves et des Plaies suppurantes, &c., par l'application permanente à leur surface de l'éponge imbibée d'eau Chlorurée. Paris, 8vo, pp. 39.

1867. DOBIE, W. *On the use of Chlorine in the treatment of Asiatic Cholera and Choleraic Diarrhœa. Edinburgh, 8vo.

1870. LEVI, A. Intorno all' azione specifica del Cloro sui corpuscoli. Padova, 8vo, pp. 15.

1872. BOUTIER, C. *De l'Ulcère Variqueux; traitement par l'Eau Chlorurée et la greffe épidermique. Paris, 4to.

CHLOROFORM.

1847. SIMPSON, Sir J. Y. Account of a New Anæsthetic Agent (Chloroform) as a substitute for Sulphuric Ether in surgery and midwifery. Edin. 8vo, pp. 23. *Bibl. Med.-Chir. Soc.*

In this pamphlet, issued Nov. 15th, 1847, the anæsthetic powers of chloroform were first laid before the profession in Great Britain.

1848. MILLER, J. Surgical Experiences of Chloroform. Edin. 8vo, pp. 60.

Professor Miller was the first to test the value of chloroform in operative surgery; this fact gives an increased interest to his work. It contains much useful information, especially the sections on the use of anæsthesia in dislocations, in the examination of injuries, in the treatment of irritable stricture, in the operation of sounding, and in stone in the bladder complicated with diseased kidney; under each of these headings the author's observations are of a highly practical and excellent character.—*Monthly Journ. of Med. Sci.*, Dec. 1848, p. 419.

1848. MARTIN, A., und BINSWANGER, L. Das Chloroform in seinen Wirkungen auf Menschen und Thiere. Leipzig, 8vo.

1848. BAINBRIGGE, W. H. Remarks on Chloroform in alleviating human suffering, &c. London, 8vo, pp. 43. *Bibl. Med.-Chir. Soc.*

The professed object of this pamphlet is to remove the local prejudices against chloroform from the minds of the fair sex at Liverpool and elsewhere, to whom the remarks are specially addressed. The author shows, amongst other things, that there is no scriptural authority to interdict its administration for the mitigation of physical pain under any circumstances.—*London Med. Gazette*, Feb. 2, 1849, p. 205.

1849. WISE, —. On Chloroform in Midwifery. London, 8vo.

1849. HÉNOT, —. Mémoire sur le Chloroforme appliqué comme agent d'insensibilité à diverses opérations chirurgicales. Metz, 8vo, pp. 32.

1850. DELIOUX DE SAVIGNAC, J. F. J. A. Des propriétés fébrifuges et antipériodiques du Chloroforme. Mémoire présenté à l'Acad. de Méd. le 26 Mars, 1850. (Ex. in *Archives Gén. de Med.*, 1850, 1st series, vol. xxiii, p. 51.)

1850. SELIGMANN, G. Diss. de Chloroformo. Berol. 8vo.

1850. SANTESSON, C. Ett Fall af Död efter Chloroform, &c. Stockholm, 8vo, pp. 28.

Having described a case of death after the use of chloroform which occurred at Stockholm, the author alludes to all similar instances known up to the date of his publication, discussing the appearances on dissection, the probable causes of death in such cases, and the precautions to be observed in the employment of this anæsthetic.—*Dublin Quart. Journ. Med. Sci.*, xiv, 1852, p. vi.

1851. STANSKI, G. P. Recherches sur les maladies des Os, ou Ostéomalacie, &c....et Lettres sur la cause principale des morts subites survenues pendant l'Inhalation du Chloroforme. Paris, 8vo, pp. 128, pl. col.

The cause of death in these cases the author attributes to the chloroform having been inhaled in an upright posture; he claims to have been the first to have noticed this fact.—*Dublin Quart. Journ. Med. Sci.*, vol. xi, 1851, p. 369.

1851. FLEMING, C. Remarks on the application of Chloroform to surgical purposes. Dublin, 8vo, pp. 55.

The object of this work is purely practical; it is very favorably reviewed in *Dublin Quart. Journ. Med. Sci.*, vol. xii, 1851, p. 177-182.

1851. DUROY, J. L. P. Procédés pour découvrir de Chloroforme dans le sang et dans les cadavres. Paris, 8vo. *Bibl. Pharm. Soc. Lond.*

1852. BOURDIN, C. E. De l'action concomitante du Chloroforme sur le principe de la sensibilité et le principe des mouvements. Paris, 18mo.

1853. CHASSAIGNAC, —. Recherches cliniques sur le Chloroforme. Paris, 8vo, pp. 48.

1853. YVONNAU, A. De l'emploi du Chloroforme et de ses différentes applications. Paris, 8vo, pp. 96.

1853. MOURLON, F. A. L. *Considérations sur l'emploi du Chloroforme dans le traitement de certaines affections chirurgicales. Strasbourg, 4to, pp. 29.

1853. FREY, M. A. De Pneumonia Chloroforomylo curanda. Offenbachi ad Moen. 8vo, pp. 20.

1854. MEYER, J. F. De Chloroformii effectu physiologico ejusque usu therapeutico. Berlin, 8vo.

1854. ROSSEL, L. Du Chloroforme, de ses effets physiologiques et de son emploi thérapeutique. Berne, 8vo, pp. 35.

1854. GUÈDE, E. A. *De l'emploi thérapeutique du Chloroforme. Paris, 4to, pp. 42.

The first twenty-five pages are devoted to the consideration of chloroform as an anæsthetic in surgery and obstetrics; the remaining seventeen to those diseases in which it has been employed internally or as a local application.

1855. DAVID, C. Du Tétanos au point de vue de son traitement par le Chloroforme. Strasbourg, 4to, pp. 30.

1855. HARTMANN, F. *Vide* "Anæsthetics," 1855.

1855. BLACK, P. Chloroform. How shall we ensure safety in its administration? London, 8vo. *Vide* "Anæsthetics," 1855, Part I.

1855. MURPHY, —. Chloroform, its properties, &c., in childbirth. London, 8vo. *Vide* "Anæsthetics," 1855.

1856. VINCENT, H. Mémoire sur le traitement du Choléra Asiatique par le Chloroforme. Epernay, 8vo, pp. 26.

1857. LANDRY, O. De l'emploi du Chloroforme et des Narcotiques comme agents thérapeutiques, et comme moyen diagnostic dans certaines Paralysies. Paris, 8vo, pp. 67.

1857. BADOZ, A. A. Que doit-on attendre du Chloroforme dans certaines névroses. Strasbourg, 4to.

1857. COLMAR, L. F. *Sur le Chloroforme. Paris, 4to.

1857. BAUCHER, F. C. H. *Des quelques applications locales du Chloroforme à la thérapeutique médico-chirurgicale. Paris, 4to, pp. 71.

Contains numerous cases, especially of various form of colic, illustrative of the powers of chloroform given internally or applied locally.

1858. DEBUSSAUX, A. N. *De l'emploi du Chloroforme dans le traitement des attaques nerveuses dites hystériques. Strasbourg, 4to, pp. 38.

1858. COATES, W. M. On Chloroform and its safe administration. London, 8vo, pp. 36.

The object of this brochure is to point out the danger of employing larger doses of chloroform than are necessary for producing anæsthesia. The author furnishes judicious directions for the employment of anæsthetics.—*Dublin Quart. Journ. Med. Sci.*, Feb. 1858, p. 216-217.

A really valuable practical pamphlet.—*Medical Times and Gazette*, Jan. 8, 1859, p. 40.

1858. KIRSTEN, —. *Nonnulla de Chloroformio. Lipsiæ, 8vo.

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1858. BECKER, C. J. *De morte Chloroformo inducta. Berol. 8vo, pp. 32.

1859. FAUQUE, J. J. F. *De l'emploi de Chloroforme dans l'Eclampsie. Strasbourg, 4to.

1859. PIOSSEK, F. B. De Chloroformii in corpore humano effectu. Gryphiæ, 8vo, pp. 26.

1859. HEYERDAHL, V. Om Chloroform, &c. (On chloroform and its use in midwifery.) A reprint. Upsala? 8vo, pp. 64.

Contains a very complete and interesting history of the use of chloroform in midwifery, with practical directions for its employment.—*Dublin Quart. Journ. Med. Sci.*, August, 1859, p. 247.

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1859. MACDONALD, F. R. Chloroform in Labour. (Pamphlet.) Edin.

1860. FONSSAGRIVES, J. B. De l'emploi du Chloroforme en inhalations comme moyen de prévenir l'ankylose des genoux dans un cas de contraction hystérique des membres inférieurs ayant duré près de deux ans. (Ex *Bull de Thérap.*, lviii, 1860, p. 362.)

1860. MAESTRE DE SAN JUAN, A. Estudios clinicos sobre la accion que ejerce el Chloroformo por la via gastrica en el tratamiento curativo de las Fiebres Intermittentes. Madrid, 4to, pp. 48.

1861. CAZENAVE, J. J. Réflexions générales sur l'emploi du Chloroforme dans les opérations. Paris, 8vo, pp. 18.

1861. KIDD, C. On Chloroform and some of its clinical uses. London, 8vo, pp. 10.

1861. BOUCHUT, E. Effets thérapeutiques du Chloroforme à l'intérieur contre les Calculs Biliaires, la Colique Hépatique et quelques névroses. (Ex *Bull. de Thérap.*) Paris, 8vo, pp. 10.

1863. CUVILLON, P. Du Chloroforme au point de vue de son action sur l'organisme, &c. *Vide* "Anæsthetics," 1863.

1864. ANSTIE, F. E. Stimulants and Narcotics: their mutual relations, with special researches on the action of Alcohol, Ether, and Chloroform on the vital organism. London, 8vo, pp. 510. *Vide* "Stimulants," 1864.

1865. SABARTH, F. Das Chloroform, &c. (Chloroform: a collection of the most important researches and observations upon the subject, especially in reference to physiology and medicine.) Würzburg, 8vo, pp. 276.

A monument of painstaking perseverance and of laborious industry. The author publishes no original investigation, and he appears to think that he can best advance our knowledge of the physiology of chloroform and its therapeutical application by collecting and arranging what has been already written...His success in searching through the medical literature of recent years appears to have been as nearly perfect as can be expected. Beyond the arrangement of this matter (which is admirably done) and a short introductory explanation, the volume contains nothing original.—*Edin. Med. Journ.*, November, 1867, p. 466.

1865. SÉDILLOT, C. De quelques phénomènes psychologiques produits par le Chloroforme, et de leurs conséquences médico-légales et opératoires. Strasbourg, 8vo, pp. 8.

1865. SANSOM, A. E. Chloroform: its action and administration. London, 8vo, pp. 192.

Contains much sound advice; first, as to the administration of chloroform, and second, as to the best mode of treating dangerous symptoms arising during its use. It is a safe guide on the subject of which it treats.—*Dublin Quart. Journ. Med. Sci.*, May, 1866, p. 358.

1866. STAHMANN, —. Die Anwendung des Chloroform und der Chloroformtod. Halle, 8vo, pp. 99.

1866. GENTRY, F. O. *Du Chloroforme et de son emploi dans les opérations chirurgicales et obstétricales. Paris, 4to.

1867. COCHRAN, G. Administration of Chloroform by deglutition. Nashville, Penn. U.S. 8vo.

1867. FREDET, G. E. *De l'emploi du Chloroforme dans les accouchements simples, dans les opérations obstétricales et dans l'Éclampsie des femmes en couches. Paris, pp. 146.

1869. ROSEBURGH, A. M. Chloroform, and a new mode of administering it. London, pp. 32.

1869. BERGÈS, P. *Du Chloroforme dans les Accouchements. Paris, 4to.

1869. NARANJO, A. J. *De l'action physiologique du Chloroforme et de son application aux Accouchements. Paris, 4to.

1870. KIDD, C. On Chloroform in its medico-legal bearings. Edin. 8vo.

1870. DELANNÉGRIE, V. L. *De l'emploi du Chloroforme dans les Accouchements. Paris, 4to.

1871. DAWSON, W. W. Chloroform Deaths. Twelve unpublished Cases. Cincinnati, 8vo, pp. 34.

This little pamphlet is tolerably exhaustive of the subject of which it treats. It compares chloroform with other anæsthetics, and discusses the rate and cause of death, the best modes of administration and the best means of resuscitation. For a good summary of these observations see *Edin. Med. Journ.*, July, 1871, p. 63-70.

1871. SCHOEVERS, —. Over het gebruik der Chloroforme in de verloskunde. Amsterdam, 8vo, pp. 52.

1871. SPIRE, C. *Des inhalations de Chloroforme à haute dose dans les attaques d'Éclampsie Puerpérale. Paris, 4to.

1871. SQUIRE, W. Puerperal Temperatures...and the use of Chloroform and Chloral. London, 8vo, pp. 25.

1872. DEMARQUAY, —. Conférences sur l'association de la Morphia et du Chloroforme, et sur un nouveau mode d'administration de cet agent. Paris, 8vo, pp. 27.

1872. KIDD, C. Chloroform and its substitutes for relief in pain. London, 12mo.

1872. SIMONIN, E. Résultats heureux de l'inhalation du Chloroforme obtenus chez un malade atteint de Rage. Nancy, 8vo, pp. 10.

1873. DEMARQUAY, —. Du meilleur appareil à employer pour l'administration du Chloroforme. Paris, 8vo, pp. 8.

1873. MARDUEL, —. Les morts par le Chloroforme, de janvier, 1869, à juin, 1870. Lyon, 8vo, pp. 31.

1874. KOCH, W. Ueber das Chloroform und seine Anwendung in der Chirurgie. (*Volkmann's Sammlung*, No. 80.) Leipzig, 8vo. *Bibl. Med.-Chir. Soc.*

1874. NOORDAA, J. S. VAN DER. Chloroforme in de verloskundige praktijk? Gravenhage, 8vo, pp. 30.

1875. BAUDELOCQUE, P. *Recherches expérimentales sur la Chloroformisation par un mélange titré d' Air et de Chloroforme. Paris, 4to; ibid. 8vo, pp. 71.

1875. PAJOT, —. Le Chloroforme dans les Accouchements naturels considéré aux points de vue scientifique et pratique. Paris, 8vo, pp. 31.

1875. BUDIN, P., et COYNE, P. Recherches cliniques et expérimentales sur l'état de la Pupille pendant l'Anesthésie chirurgicale produite par le Chloroforme. Paris, 8vo.

1875. BUDIN, P., et COYNE, P. Recherches sur l'état de la Pupille pendant l'Anesthésie Chloroformique, l'Asphyxie, et sur certains effets de l'Apomorphine. Paris, 8vo, pp. 21.

Both these pamphlets, which are almost identical in their contents, contain the details of a series of observations and experiments made with the view of determining if the state of the pupil affords any reliable indications as to the condition of the patient while under the influence of chloroform. The conclusions which they arrived at are in the main—1. That in complete anæsthesia the pupil is contracted and immovable even under the application of the most powerful excitants. 2. That in incomplete anæsthesia the pupil dilates under the influence of excitants. 3. That under the operation of vomiting, should this supervene, the pupil dilates, at the same time sensibility returns more or less completely. These conclusions are not in accordance with those of M. Schiff, *Le Progrès Médicale*, September 5th, 1874. See further, *Glasgow Med. Journ.*, July, 1875, p. 372, and *Amer. Journ. Med. Sci.*, July, 1875, p. 231.

CHONDRUS CRISPUS, Greville.

Carrageen or Irish Moss.

1835. MEYER, L. De Fuco crispo seu Lichene Carrageno. Berlin, 8vo, pp. 29.

1836. HERZER, K. H. L. De Fuco crispo, *Lin.*, sive de Alga Carragéen. Turici, 8vo, pp. 26.

1841. LOVEN, N. H. Om Geleers särdeles Perl-Tangens (Spaërococcus crispus, *Ag.*), användande i medicinen. Lund, 8vo, pp. 20.

1844. MOUCHON, E. Mémoire sur la Mousse perlée, ou Carragheen (Fucus crispus, *Lin.*). Lyon, 8vo, pp. 16.

CHROME AND CHROMIC ACID.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... und Chrome auf d. thierischen Organismus. Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*

Vide "Metals," 1825.

1833. BERLIN, N. J. *Observationes chemicæ circa Salia Oxydi Chromici. Præs. L. P. Walmstedt. Upsala, 4to, pp. 9.

1835. BIBERG, A. *Anmärkinger wid Chromoxiden och några des salter. Præs. N. J. Berlin. Upsala, 4to, pp. 15.

1868. GEMMA, A. Dell' Idrato di Sesquiossido di Cromo verde nella cura della Diarrêa. Padua, 8vo, pp. 39.

1868. ROY, L. P. J. *De l'Ophthalmie granuleuse et de son traitement par l'Acide Chromique. Paris, 4to.

1869. MAGITOT, E. De l'Acide Chromique et de son emploi thérapeutique dans quelques affections chirurgicales de la Bouche. Paris, 8vo, pp. 19.

1871. DOUGALL, J. Chromic Acid as an Antiseptic. *Vide* "Antiseptics," 1871.

CHRYSOPLENIUM ALTERNIFOLIUM, Linn.

Golden Saxifrage.

1758. PALLAS, J. F. *Diss. medica de Chrysoplenio. Argentorati, 4to, pp. 20. *Bibl. Banks.; Coll. Surg. Lond.*

Short abstract in *Haller, Bibl. Bot.*, ii, p. 478, with reference to its physical properties.

CICHORIUM INTYBUS, Linn.

Chiccory.

1690. CAMERARIUS, E. R. Diss. medica prior de Cichorio. Tubingæ, 4to, pp. 14. Pars secunda, ibid. 1691. *Bibl. Banks.*

1792. HELLENIUM, C. N. Diss. de Cichorio. Aboæ, 4to.

1808. GOCHNAT, F. K. Tentamen medico-botanicum de Cichoraceis. Argentorati, 4to, pp. 24, tab. 3.

CICUTA VIROSA, Linn.

Water Hemlock.

1679. WEPFER, J. J. Cicutæ aquaticæ historia et noxæ, &c. Basileæ, 4to, pp. 336, tab. 4. Ed. alt. ibid. 1716, et Lugd. Bat. 1733. *Bibl. Med.-Chir. Soc.; Radcliffe; Acad. Edin.* (1733).

Eximium opus...(hujus plantæ) vim venenatam per plurima experimenta definivit: aliarum etiam plantarum perniciosarum vim per pericula in vivis animalibus capta constituit, nucis vomicæ, cocculorum, napelli, radicis coronæ imperialis, belladonnæ, amygdalarum amarum, cicutæ terrestris, jalappæ plantarum etiam aliquarum medicatarum in sylva nigra nascentium meminit.—*Haller, Bibl. Bot.*, i, p. 602, et *Bibl. Med. Pract.*, iii, p. 63.

1756. SCHWENKE, M. W. Verhandlung over Cicuta aquatica Gesneri. Gravenhagæ, 8vo, pp. 54, tab. 4. German transl. (from the Dutch) by A. S. Müller, Leipzig and Munster, 1776, 8vo. *Bibl. Banks.*

Et hanc et Virginicam cicutam hujus similem delineat, occasione trium puerorum ab ejus esu enectorum.—*Haller, Bibl. Bot.*, ii, p. 417.

1874. DESPAGNE, M. Observations sur l'action de la Ciguë Aquatique dans le Squirrhe. Versailles, 8vo, pp. 16. *Vide* "Conium Maculatum."

CIMICIFUGA FŒTIDA, Linn.

1774. LINNÆUS, C. *Planta Cimicifuga. Resp. J. Hornborg. Upsaliæ, 4to, pp. 10, tab. i (in *Amœn. Acad.* vol. viii, p. 193). *Bibl. Linn. Soc.; Med. Soc. Lond.* (*sub nom.* Hornborg).

Mainly botanical, but from its sensible properties, and its powers as an emetic, &c., the author considers that this plant may prove serviceable given internally in dropsical and gouty affections, and as an external application in hæmorrhoids, scrofulous and cancerous enlargements, &c.

CINCHONA.

Including various species of Cinchona.

1642. BARBA, P. Vera praxis ad curationem Tertianæ, &c. Sevilla, 4to.

This is perhaps the first work which was published on the use of cinchona in intermittents. The author, Barba, professor of medicine at Valladolid, gives instructions for its use in this class of cases, and labours hard to confute those who are averse to its use.—*Edin. Med. Surg. Journ.*, xxvii, 1827, p. 123.

1653. CHIFFLET, J. J. Pulvis Febrifugus orbis Americani ventilatus, ratione, experientia et auctoritate. [Lovanii] 8vo, pp. 45. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.; Coll. Phys. Lond.; Med. Soc. Lond.* (Ed. Romæ, 1655, 12mo.)

Contra corticem Peruvianum, qui eo tempore nuper incipiebat contra febres in vino albo adhiberi.—*Haller, Bibl. Bot.*, i, p. 411.

1655. CONYGIUS, AMTIMUS (*Honoratius Faber*, a Jesuit). Pulvis Peruvianus febrifugus vindicatus. Romæ, 12mo. *Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.*

1655. PLEMPIUS, V. F. Peruviani corticis defensor (A. Conygius) repulsus a Melippo Protimo Belga. Lovanii, 4to. *Bibl. Med.-Chir. Soc.*

Ex usu corticis relapsos esse in febres continuas; quartanam inde duplicatam esse; saporem esse intolerabilem. Hæc omnia contra H. Fabrum (A. Conygius).—*Haller, Bibl. Bot.*, i, p. 490.

1656. ARBINET, D., et BOUJONNIER, F. *Ergo Febribus Intermittentibus inutilis Chinæ Chinæ pulvis. Paris, 4to.

1656. BADUS vel BALDUS, S. Cortex Peruvianus redivivus, profligator febrium, assertus ab impugnationibus Melippi Protimi *i.e.* V. F. Plempii. Genuæ, 12mo.

1658. DEUXIVOYNE, E., et GALLOIS, L. *Ergo Febri Quartanæ Peruvianus Cortex. Paris, 4to.

1659. STURMIUS, R. Vindiciæ Pulveris febrifugi Peruviani, complectentes ejus historiam, vires ac proprietates, et modos operandi in humoris febrilis solutione. Antverpiæ, 12mo. Idem, Hag. Com., 1681, 12mo.

Bibl. Acad. Edin. (ed. 1659); *Med. Soc. Lond.* (ed. 1681).

Cum Faber pro Peruviano cortice, contra eum Chiffletius et Plempius scripsissent, auctor noster et ipse tutelam corticis suscepit, inque prima operis parte, ex suis experimentis salubrem ejus vim confirmavit; in secunda theoriam addidit, et utilitatem ejus medicamenti, adversus febres, ad resolutionem retulit. Bonum opusculum vix tamen ad botanica pertinet!—*Haller, Bibl. Bot.*, i, p. 498.

1661. BRUNACLIUS, G. De Cina Cina seu Pulvere ad Febres syntagma physicologicum. Venetiis, 8vo. *Bibl. Banks.*

Totus scholasticus, inculto stylo, ex Galeno utilitatem Corticis Peruviani defendere satagit. Adducit proprium in se ipso experimentum, sanatamque in cachectico corpore febrem tertianam; inde exempla producit ægrorum in nosocomio S. Spiritus sanatorum...Ex vino vult sanari, non ex aqua vel infusa, vel decocta.—*Haller, Bibl. Bot.*, i, p. 511, et *Bibl. Pract. Med.*, iii, p. 104.

1663. AMMAN, PAUL. *Antiquartii Peruviani historia. Resp. C. Rothmann. Lipsiæ, 4to. *Bibl. Banks.*

1663. BADUS vel BALDUS, S. Anastasis Corticis Peruviani seu Kina Kinæ defensio contra ventilationem J. J. Chifletii et V. F. Plempii. Genuæ, 4to, pp. 278. Ibid. 1668. *Bibl. Med.-Chir. Soc.*

An able defence of the virtues of bark. Amongst other things the author gives extracts from a letter of Dr. Joseph Villerobel, a Spanish physician, according to which the "fever bark" had come to Spain in 1632, which is eight years prior to the date assigned by Bollus to the introduction of cinchona into Europe. Bollus's letter on the use of Peruvian bark, written in Italian, appeared in 1649.—*Edin. Med. Surg. Journ.*, xxvii, 1827, p. 122. See also abstract in *Haller, Bibl. Med. Pract.*, ii, p. 691.

1672. TALBOR, Sir R. Pyretologia, a rational account of the cause and cure of Agues. London, 12mo. *Bibl.Med.-Chir. Soc.*

1682. TALBOR, Sir R. The English remedy, or his wonderful secret for cureing of Agues and Fevers. London, 18mo. *Bibl. Med.-Chir. Soc.*

Sir Robert Talbor appears to have turned his knowledge of the powers of cinchona to good account, at the same time he kept the remedy he employed a profound secret. In the first of his two works he by no means intimates that his method of cure depended on the use of bark. On the contrary, he cautions his readers against the dangerous effects of Jesuit's powder when administered by unskilful persons, yet admits that properly given it is a "noble and safe medicine."—*Flückiger and Hanbury, Pharmacographia*, p. 307. For an interesting sketch of this somewhat remarkable character see also *Edinburgh Med. Surg. Journ.*, xxvii, p. 126-7.

1679. [SPONIUS, J.] Traité de la guérison de la Fièvre par le Quinquina. Lyon, 12mo.

Absque nomine parvus libellus. Variæ corticis febrifugi præparationes, per infusionem: vinum, cum quo cortex in dolio conferbuit, plus habere efficaciæ. Recte addi Centaurium minus, quod et solum febres curare valeat. Sæpe etiam se laudanum utiliter addere. Ante ejus corticis usus alvum ducendam. Non debere sumi, ut eo ævo solebat, sub initia paroxysmi, sed ab ejus fine ad novum usque paroxysmum. In febrium acutarum remissionibus corticem etiam utilem esse, inque hectica febre cum abscessu, demum in febre maligna.—*Haller, Bibl. Med. Pract.*, iii, p. 429.

1679. MONGINOT, D. De la guérison des Fièvres par le Quinquina. Paris, 12mo. Ibid, 1680, 12mo, 1682, 12mo. English transl. under the title of 'New Mystery of Physic discovered by curing of Fevers and Ague by Quinquina or Jesuit's Powder,' translated from the French of Dr. Belon, with additions. London, 1681, 18mo. *Bibl. Med.-Chir. Soc.* (English transl.); *Coll. Phys. Edin.*

This work, which appears to have been a popular one, is reprinted in Blegny's 'Zodiacus Med. Gallicus,' ii, p. 161, and in Nigrisoli's 'Collection,' (*infrà*), 1687. A combination of bark and the lesser centuary is advocated in this work.

1680. BLEGNY, N. DE. Découverte du Remède Anglais pour la guérison des Fièvres, publié par ordre du Roi. Lyon, 12mo. Paris, 1682, 12mo. German transl. Geneva, 1683, 12mo. *Bibl. Med. Soc. Edin.*

Abstract in *Haller, Bibl. Bot.*, i, p. 607, and *Bibl. Med. Pract.*, iii, p. 353.

1682. RESTAURANT, R. De l'usage du Kina Kina pour la guérison des Fièvres. (Idem in *Collect. Nigrisoli, infrà*, 1687.) Lyon, 12mo.

Vim ejus corticis esse in bile, quam cogat in humores nostros redire.—*Haller, Bibl. Bot.*, i, p. 614.

1682. LA FONTAINE, JEAN. Poëme sur le Quinquina. Paris, 12mo.

A poetical tribute of gratitude, composed by this famed writer after recovery by means of cinchona from a severe attack of fever. It has been made the subject of an elaborate paper by Dr. Fonssagrives entitled 'Étude médico-littéraire sur le poëme du quinquina de la Fontaine.' 'Bull. de Thérapeutique, lvi, 1859, p. 298, 395.

1683. MAURIN, R. *Ergo Cortex Peruvianus Februm accessionem discutit attenuando. Paris, 4to.

1683. HARVEY, GIDEON. The Conclave of Physicians, detecting their intrigues, &c., with a Discourse of the Jesuit's Bark. London, 12mo. Ed. alt. 1686. *Bibl. Med.-Chir. Soc.*

1684. PERRAULT, P., et DAVAL, S. *Ergo Anglica præscribendi Corticis Peruviani methodus explodenda. Paris, 4to.

1684. MINOT, D. M. Expériences sur le Quinquina et réflexions sur l'action de ce remède. Paris, 12mo.

1686. ARBINE, D. *An Febribus Intermittentibus Chinæ Chinæ pulvis. Paris, 4to.

1687. NIGRISOLI, F. M. Febris China-china expugnata. Ferrariæ, 4to. Second ed. 1700, 4to. *Bibl. Roy.*

Collectio opusculorum Blegnii, Monginoti, Restauranti et Sponii.—*Haller, Bibl. Bot.*, i, p. 641.

1689. [Anon.] Les admirables qualités du Kinkuina, &c. Paris, 12mo. Ed. alt. 1705, 12mo. *Bibl. Roy.* (ed. 1705.)

1693. HORBIUS, C. J. *De febrifuga Chinæ-chinæ virtute. Altdorfii, 4to, pp. 24. *Bibl. Banks.*

Short abstract in *Haller, Bibl. Bot.*, ii, p. 16.

1694. HOFFMANN, F. *De Chinæ-chinæ modo operandi, usu et abusu. Resp. — Horch. Halæ, 4to. Ed. alt. 1714.

In disp. analysis corticis est, qua resinosum principium demonstratur, et vis in roborando ponitur...potissimum ne in paroxysmo febris detur, aut paulo prius.—*Haller, Bibl. Bot.*, ii, p. 20.

1695. VALENTINI, M. B. *De China-China. Resp. P. Wolfart. Giessæ, 4to. Ibid. 1697, 4to.

Adversus febres quartanas, per intermissionis tempora feliciter propinavit. —*Haller. Bibl Bot.*, i, p. 650.

1695. LOMBARD, C. P. De Chinæ Chinæ usu et abusu. Coloniæ, 4to.

1696. POISSON, P. *Non ergo in Febris Intermittentibus prodest pulvis Peruvianus inferiore injectus. Paris, 4to.

1696. LE LONG, C. *Ergo cortex Peruvianus Febribus Remittentibus vindex. Paris, 4to.

1696. VESOU, F. *An vires consociare amant Opium et China China. Paris, 4to.

1699. GIROLAMI, A. F. Il Triomfo della China China. Firenze, 12mo. Ibid. 1708. *Bibl. Med. Soc. Lond.* (both).

1703. FAGON, G. C. Les admirables vertus du Quinquina confirmées par plusieurs expériences, et la manière de s'en servir dans toutes les Fièvres, pour toutes sortes d'âges, de sexes et de complexions. Paris, 12mo. Ibid. 1705, 12mo. *Bibl. Roy.*

1704. D'UBE, —. The Poor-man's Physician and Surgeon; with an addition of the true use of Quinquina or Jesuit's Powder, translated from the eighth French edition. London, 12mo. *Bibl. Radcliffe; Acad. Edin.*

1709. PEREIRA, M. DA SILVA. Metodo sicuro de ordinar la China China. Romæ, 4to.

1710. COPPONEE, —. Le Quinquina glorifié par la guérison des Fièvres. Chamberry, 12mo.

1711. BERGER, J. G. *De Chinchina ab iniquis judiciis vindicata. Resp. H. D. Stieler. (In *Haller, Disput. ad Morb.*, v, p. 41.) Wittenbergæ, 4to, pp. 44. *Bibl. Banks; Med.-Chir. Soc.* (Haller).

Necessarii potissimum in Germania optimi medicamenti contra vigentem sectam Stahlianorum apologia.—*Haller, Bibl. Med. Pract.*, iii, p. 643.

1711. COGROSSUS, C. F. Della natura, effetti ed uso della Corteccia del Peru ossia Chinachina, considerazioni fisico-mecaniche e mediche. Cremæ, 4to. Ed. alt. 1716, 1718. *Bibl. Med. Soc. Lond.*

Ad scopum clinicum.—*Haller, Bibl. Bot.*, i, p. 105.

1712. TORTI, F. Therapeutica specialis ad Febres quasdam repente lethales, una verò China China sanabiles. Mutinæ, 4to. Ibid. 1730; Francof. et Lipsiæ, 4to, 1756. *Bibl. Coll. Phys. Edin.* (1712); *Acad. Edin.* (1756.)

Ex præcipuis medicis clinicis hujus sæculi et cui ars plurimum debet: qui utilitatem corticis Peruviani summam non solum in febribus intermittentibus ita firmiter constituit ut vix a quopiam posteriorum in dubium revocata sit, sed etiam in omnes periodos etiam imperfectas adque febres subintrantes et remittentes veterum corticem dignissime extendit dum aliquæ sunt memorabiles remissiones. Practica omnia et ad experientiam, &c.—Vide *Haller Bibl. Med. Pract.*, iv, p. 433, 434.

1713. CRAMER, C. A. Diss. de usu Corticis Chinæ febrifugæ. Halæ, 4to.

1713. HENRICI, H. *De Corticis Chinæ usu cauto et suspecto. Præs. F. Hoffmann. Halæ, 4to.

Short abstract in *Haller, Bibl. Med. Pract.*, iii, p. 561.

1714. RAMAZZINI, B. De usu et abusu Corticis Peruviani. Patavii, 8vo. Ed. alt. Genevæ, 1717, 4to.

Condemnatory of the virtues and powers of cinchona even in intermittents. "Male in omni febre, etiam intermittente, absque discrimine corticem exhiberi, neque se felicem ejus effectum expertum esse; nocere melancholicis, pituitosis; febrem supprimere, sed cum majori damno. Nunquam

ab eo auxilio perfectam apyrexiam obtineri," &c. See further abstract in *Haller, Bibl. Med. Pract.*, iii, p. 486. This work drew forth a response from F. Torti, 1715, *q. v.*

1715. SCHWALBE, C. G. *Disputatio botanico-medica de China officinali. Lugd. Bat. 4to.

1715. TORTI, F. Ad criticam dissertationem de abusu Chinæ Chinæ a B. Ramazzino responsiones. Mutinæ, 4to. *Vide* also 1756. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1715. ZENDRINI, B. Trattato della China China. Venezia, 8vo. *Bibl. Med.-Chir. Soc.*

Argumentum practicum est, et tuetur corticis Peruviani innocentiam. Præmittit tamen historiam ejus corticis, et modum exponit, quo febrem correcta bile tollit.—*Haller, Bibl. Bot.*, ii, p. 123.

1717. DUVERNEY, E. M. *An largiorem semper exigit Kinakina cibum? Paris, 4to.

1721. SPIESS, J. C. De Corticis Peruviani virtute ac operandi modo in Febribus Intermittentibus. Helmstadii, 4to.

1727. GOELICKE, A. O. De impostura Corticis Peruviani. Francf. ad Viad. 4to.

1727. KLOEK, J. A. De usu et abusu Corticis Peruviani in Febribus Intermittentibus. Lugd. Bat. 4to. *Bibl. Radcliffe.*

1728. HOFFMANN, F. *De recto Corticis Chinæ usu in Febribus. Resp. G. W. Bornemann. Halæ, 4to, pp. 36. French transl. by —Brahier, Paris, 1746. *Bibl. Banks. Med. Soc. Lond.; (sub nom.* Barnemann).

Apologia corticis Peruviani, quem Stahlius ob repressos motus vitales damnabat. Recte exhibitum non adstringere, excretiones potius promovere, &c.—*Haller, Bibl. Med. Pract.*, iii, p. 569.

1729. DOUGLAS, J. An account of Mortifications and of the surprising effects of Bark in putting a stop to their progress. London, 8vo. *Bibl. Med. Soc. Lond.* (ed. 1732).

1729. SCRINCI, J. A. J. De legitimo usu et abusu Corticis Chinæ in Febribus Intermittentibus. Pragæ, 4to. Ibid. 1750.

1729. GOELICKE, A. O. De Corticis Peruviani usu noxio licet recto in Febribus. Francof. ad Viad. 4to.

1730. CAMERARIUS, A. *De Cortice a Febri ad icterum extenso. Resp. W. Agricola. (In *Haller Disput. ad Morb.*, vii, p. 205.) Tubingæ, 4to. *Bibl. Med.-Chir. Soc.* (Haller).

1731. COHAUSEN, J. H. Archæus faber Febrium, cum methodo administrandi Corticis Chinæ Chinæ. Amst. 8vo.

Pro cortice Peruviano.—*Haller, Bibl. Bot.*, ii, p. 129.

1732. RUSHWORTH, J. Two Letters showing the great advantage of Bark in Mortifications. London, 12mo.

1733. WARREN, M. Epistle on the method of curing the late Fevers, and the danger of the Jesuit's Bark. Edin. 4to. *Bibl. Coll. Surg. Lond.*

1734. MEDARSTADT, T. *De efficacia admiranda Chinæ-Chinæ ad Gangrenam sistendam in Anglia observata. Præs. A. Vater. Vittembergæ, 4to.

1735. BAALEN, P. VAN. *De Cortice Peruviano ejusque in Febribus Intermittentibus usu. Lugd. Bat. 4to, pp. 38. *Bibl. Med.-Chir. Soc.; Banks.*

1735. INCHADO, A. D. Apologia medico-racional dos remedios do syncope estomatico, dos Febres do estio, e dos abusos da Quina quina, em ordem a evitar-se recahidas. Lisboa, 8vo.

1737. DETHARDING, G. C. *De Corticis Chinæ efficacia in Gangræna et Sphacelo adhuc dubia. Rostochii (in *Haller, Disput. Med. Pract.*, vii, p. 213). *Bibl. Med.-Chir. Soc.* (Haller).

1738. KREYFELDT, V. De Corticis Peruviani virtute anti-hydropica. Duisburgi, 4to.

1739. BUCHWALD, J. B. Diss. sistens methodum citrà Chinam curandi Quartanam. Hafniæ, 4to.

1740. GŒLICKIUS, —. *De Quartana et Hydrope per Corticem Peruvianum curatis. Præs. L. Heister. Helmstadii, 4to.

1740. NEBEL, J. B. De Corticis Peruviani operandi modo. Heidelbergæ, 4to.

1744. ROSEN, vel ROSENBLAD, E. *De Cortice Peruviano. Resp. N. J. Lonquist. Londini Gottorum, 4to, pp. 60, tab. i. *Bibl. Linn. Soc.*

Varietates ejus corticis, bonæ notæ, analysis, doses, vires medicæ, locus et occasio, adjectis exemplis peculiaribus.—*Haller, Bibl. Bot.*, ii, p. 338.

1745. PEYER, vel PAYER, J. J. *De Cortice Peruviano. Basileæ, 4to, pp. 24.

1746. SCHOEFFER, J. D. *De Corticis Chinæ efficacia in Gangræna et Sphacelo. Rostochii, 4to (in *Haller, Disp. Med. Pract.*, vi, p. 219.) *Bibl. Med.-Chir. Soc.* (Haller.)

1746. DIETERICH, L. M. Observationes de usu Corticis Peruviani in Cancro mammæ. Ratisbon, 4to.

Spem multam in cancro ulcerato concepit, cum spiritum salis ulceri imposuisset et corticem Peruvianum propinasset.—*Haller, Bibl. Bot.*, ii, p. 353.

1748. HART, C. *De Cortice Peruviano. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1748. VALCARENGHI, P. Del uso ed abuso Rhabarb unito alla China-China. Cremona, 4to. *Bibl. Med. Soc. Lond.*

In this essay the author greatly extols a combination of cinchona and rhubarb, especially in the treatment of tertian fevers.

1750. COCCHIUS, A. C. Diss. continens vindicias Corticis Peruviani. Lugd. Bat. 8vo, pp. 63. *Bibl. Med.-Chir. Soc.; Med. Soc. Edin.*

1750. COHAUSEN, J. H. et F. A. *De Chin-chinæ usu et abusu. Harderov. 4to. *Bibl. Roy.*

1751. GRAMM, —. Diss. de methodo certa et tuta curandi Febres Intermittentes per Corticem Peruvianum. Havniæ, 8vo.

1751. LURSENIUS, P. S. De Cortice Peruviano. Lugd. Bat. 4to. pp. 53, tab. i. *Bibl. Banks.; Med. Soc. Lond.*

Salem essentialem hujus corticis describit, viresque medicas extollit.—*Haller, Bibl. Bot.*, ii, p. 406.

1751. PARENTI, P. A. Exercitationes duæ. 1. De Chinæ Chinæ virtute, an coagulativa an resolutiva. Mutinæ, 8vo.

1752. FALCONET, C. L., et LAVIROTTE, L. A. *Ergo legitimæ vulnerum suppurationi promovendæ Cortex Peruvianus. Paris, 4to.

1753. ERMEL, J. F. De Radice Chinæ ejusque limitandis laudibus. Erfordii, 4to.

1754. GMELIN, J. G. *Diss. medica quæ innocuum atque egregium Corticis Peruviani in Febribus Intermittentibus usum (monstrat). Resp. G. C. Heller. Tubingæ, 4to. *Bibl. Roy.*

1754. KIRKLAND, T. A treatise on Gangrene, in which the cases that require the use of the Bark and those in which it is pernicious unless joined with proper correctives, are ascertained, and the objections to its efficacy in the cure of gangrene considered. Nottingham, 8vo. German transl. Nürnberg, 1769, 8vo.

Cites several cases of gangrene benefited by the use of cinchona.

1756. CAMPEN, A. VAN. *De usu et abusu Chinæ-Chinæ. Harderov. 4to. *Bibl. Roy.*

1756. TORTI, F. Responsiones iatro-apologeticæ de abusu Chinæ Chinæ. Mutinæ, 8vo. *Bibl. Coll. Surg. Lond.*

1757. KRUGER, J. G. *De Cortice Peruviano ejusque præclaro in Febribus Lentis usu. Resp. C. C. Krause. Helmstadii, 4to.

1757. LE CLERK, F. T. *Diss. an legitimæ vulnerum suppurationi promovendæ Cortex Peruvianus? (In *Baldinger, Sylloge* vi, p. 74.) *Bibl. Acad. Edin.*

1758. LANGGUTH, G. A. *Progr. de Cortice Peruviano medicina adversus Febres, &c. Lipsiæ, 4to, pp. 28.

1758. LINNÆUS, C. Diss. de Cortice Peruviano. Resp. J. C. P. Petersen. Upsaliæ, 4to, pp. 38. Idem in *Amœn. Acad.* vol. ix, p. 64. *Bibl. Linn. Soc.; Lond. Med. Soc.* (*sub nom.* Petersen).

Contains a brief history of cinchona, with a full inquiry into its properties and medicinal uses as far as they had been ascertained at that time. The information has been derived from a variety of sources.

1758. TRILLER, D. W. De Corticis Peruvian usu senibus, gravidis et infantibus salutari. Wittebergæ, 4to.

1759. JUNKER, J. De Cortice Peruviano discreto et solertius experimentando. Halæ, 4to.

1760. HUTH, G. L. Sammlung verschiedener die Fieber-rinde betreffender Abhandlungen und Nachrichten. Nürnberg, 8vo. *Bibl. Roy.*

1760. MAUTT, J. F. *De Cortice Peruviano. Lugd. Bat. 4to. Ibid. in *Sandifort Thes. Med.* i, p. 175.
Bibl. Med. Soc. Edin.; Med.-Chir. Soc. (Sandifort).

Arborem describit et utrumque extractum, quorum efficacius ait esse, quod aquosum. De viribus ejus corticis, ad morandam putridinem carnis et sanguinis: et de vi qua gangrænam coercet, per experimenta.—*Haller, Bibl. Bot.*, ii, p. 499.

1761. BENESCIA, G. B. Viva idea dell efficacia della China China. Livorno, 8vo.

1761. TRETZELIUS, A. G. *De insigni et præstantissimo usu Corticis Peruviani in medicina. Altdorfii, 4to.

1762. BUECHNER, A. E. *De usu Corticis Peruviani cum Camphora remixti in Febribus Remittentibus ex putredine ortis. Resp. J. G. Marggrab. Halæ, 4to. *Bibl. Roy.*

1762. HARTJENS, J. W. *De Cortice Peruviano. Traject. ad Rhenum, 4to, pp. 45. *Bibl. Roy.*

Historia arboris, viresque medicatæ.—*Haller, Bibl. Bot.*, ii, p. 522.

1763. MARTINI, M. M. *De nimio et improvido Corticis Peruviani in Febribus Intermittentibus usu. Buzovii, 4to.

1763. ALCINET, J. Nuevas utilidades de la China. Madrid, 4to.

1763. SULTZER, H. P. Thesis de Cortice Peruviano, &c. Argentorati, 4to.

Multa exempla habet vis salutaris corticis Peruviani in variis morbis exploratæ.—*Haller, Bibl. Bot.*, ii, p. 536.

1763. WESTPHAL, A. De magno Corticis Peruviani ad curandas Febres Malignas usu. Gryphisvaldiæ, 4to. Ibid. 1775.

1763. RODENBERGER, J. F. *De Corticis Peruviani præstantia in variis morbis. Argentorati, 4to. *Bibl. Roy.*

1764. LEE, A. *De Cortice Peruviano. Edin. 8vo, pp. 47. *Bibl. Med.-Chir. Soc. Acad. Edin.*

Practici argumenti.—*Haller, Bibl. Bot.*, i, p. 549.

1764. PULTENEY, R. *De Cinchona officinali Linnæi sive Cortice Peruviano. Edin. 4to, pp. 60. *Bibl. Med.-Chir. Soc.; Linn. Soc.*

Icon, et historia corticis.—*Haller, Bibl. Bot.*, iv, p. 549.

1764. TURRA, A. Istoria del Arbore della China. Livorno, 4to.

1764. TORRACA, G. Specimen experimentorum quibus Corticis Peruviani vis antiseptica atque putris Intermittentium forma comprobari videntur. Romæ, 4to. *Bibl. Roy.*

1764. TREMELIUS, J. B. *Meditationes circa Febrem Malignam et Corticis Peruviani in metastases illius efficaciam. Argentorat. 4to. *Bibl. Coll. Surg. Lond.*

1764. DIONIS, C. *An in Febribus Malignis sub finem China China. Paris, 4to.

1765. CLOSSIUS, J. F. Carmen de Cortice Peruviano remedio Variolarum prophylactico valde limitando. Lugd. Bat. 4to. *Bibl. Roy.*

1765. FRITZE, J. F. *De Cortice Peruviano. Halæ, 4to.

1766. BOUSQUET, —. Diss. sur l'abus du Quinquina. (In Swedish and French.) Stockholm, 8vo. *Bibl. Roy.*

1766. KONECKER, C. E. *De usu Corticis Peruviani chirurgico. Præs. A. E. Büchner. *Bibl. Roy* (*sub nom.* Büchner). Halæ, 4to.

1766. CAPELL, J. A. De Cortice Peruviano. Viennæ, 12mo. *Bibl. Coll. Surg. Lond.*

In febre maligna cum diarrhœa, in variolis et febribus petechialibus cum eruptione moraretur, vim eximiam demonstravit.—*Haller, Bibl. Bot.*, ii, p. 570.

1767. HEISE, C. J. *De usu Corticis Peruviani in Febribus Continuis. Lugd. Bat. 4to. *Bibl. Roy.*

1768. MOLLER, J. F. De vera Cortice Peruviano vi specifica. Göttingen, 4to. *Bibl. Roy.*

1768. REICHARD, J. J. *Diss. de Peruviani Corticis in plurium generum Febribus exhibendi opportunitate. Göttingen, 4to. *Bibl. Roy.*

1768. BÜCHNER, A. E. *De virtute Corticis Peruviani antiphlogistica. Resp. G. S. Weichert. Halæ, 4to. *Bibl. Roy.*

1769. BALDINGER, D. E. G. De Corticis Peruviani connubiis et eum exhibendi modis. (In *Delect. Diss. Jenen.*, p. 47.) Jenæ. *Bibl. Coll. Surg. Lond.*

1769. SCHENCKBECHER, J. G. Bericht von den heilsamen Wirkungen der Kinkina oder Peruvianischen Rinde. Riga, 8vo, pp. 174. *Bibl. Roy.*

Cortex Peruvianus etiam in lethargo, gangræna, spina ventosa feliciter usus est.—*Haller, Bibl. Bot.*, ii, p. 595.

1769. ZEVIANI, —. Sul uso del Cortice Peruviano nel Vajuolo (Variola). Firenza, 8vo.

1770. WARREN, J. *De Cortice Peruviano. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1773. KRATZENSTEIN, C. G. *De usu Corticis Peruviani medico. Hafniæ, 4to.

1773. HOMBERG, J. D. Chirurgischen Krankheitsgeschichten, welche die vorzügliche Heilkraft der äusserlich gebrauchten Peruvianischen Rinde bestätigen. Francof. 8vo. *Bibl. Roy.*

1774. BALFOUR, T. *De Cortice Peruviano. Edin. 4to. *Bibl. Acad. Edin.*

1775. ESCHASSERIAUX, R. *De Cortice Peruviano. Montpellier, 4to. *Bibl. Med.-Chir. Soc.*

1775. HELD, C. A. De tempestivo Corticis Peruviani usu in Febribus Inflammatoriis. Gottingæ, 4to, pp. 30. *Bibl. Acad. Edin.*

1776. MURRAY, J. A. Programma de tempore Corticis Peruviani in Tussi Convulsivâ exhibendi. Gottingæ, 4to. Idem in ejus *Opuscula*, vol. ii. *Bibl. Acad. Edin.*

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Dr. Saunders concludes his work by expressing a hope that his observations will tend to remove prejudice against a Peruvian bark of a larger coarser appearance, and redder colour than that commonly employed; this,

in fact, and to demonstrate the superior efficacy of the red bark, are the objects of the work.—*Duncan's Med. Commentaries*, viii, 1783, p. 167. See also review in *London Med. Journal*, iii, 1782, p. 248-256.

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The original treatise, in an abridged form, was presented to the Harveian Society of Edinburgh, and was by it awarded a prize medal. It possesses no inconsiderable share of merit as throwing much light on the natural, chemical, and pharmaceutical history of red bark; it also furnishes additional evidence of its efficacy, and contains many useful observations on its employment in different diseases.—*Duncan's Med. Commentaries*, xii, p. 256.

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A perfect model of this kind of analysis, and brings us nearer to the actual pure proximate principles composing a complicated substance than any other analysis yet executed.—Review in *Edin. Med. Surg. Journ.*, January, 1822, p. 153-162.

"Gomes, of Lisbon, was the first who procured cinchonia (*quinia*) in a state of purity, but he was ignorant of its alkaline nature, the first observation of which we owe to Labillardière, nephew of the celebrated navigator. Its existence was pointed out long before by Dr. Duncan, jun., who was the first to denominate it cinchonin. MM. Pelletier and Caventou in their history of former analyses, have omitted Dr. Duncan's remarks—an omission the more unaccountable as Gomes himself, who is quoted by them, makes distinct mention of it in his memoir. The discovery of kina, the other principle of cinchona, belongs entirely to the French chemists."—*Edin. Med. Surg. Journal*, xviii, January, 1822, p. 160.

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This is the work of a "droguerie makler," or "drug broker," who for a series of years had occasion in his mercantile transactions to become intimately acquainted with his subject. To this point his attention was almost exclusively directed, without any regard to expense or labour. The table of contents here subjoined will give some idea of the nature and extent of the work:—(i) Literature. (ii) Name, origin, etymology, &c. (iii) History.—(1) from the most early period of its introduction to the time of Condamine, *i.e.*, from 1632 to 1738; (2) from the time of Condamine to 1826. (iv) Substitutes for Cinchona—(1) those which are indigenous; (2) those of foreign origin. (v) Descriptions of the trees which yield the febrifuge barks—(1) cinchona; (2) exostemma. (vi) The febrifuge barks—(1) terminology; (2) description; (3) mode of procuring. (vii) Chemical Division—(1) A treatise by Professor Pfaff; (2) experiments with reagents; (3) mode of obtaining the salts of cinchona. (viii) On the geography of cinchona. On each of these points the author has brought together a large number of interesting facts and observations. For an abstract of many of these see review in *Edinburgh Med. Surg. Journ.*, xxvii, 1827, p. 118-136. Flückiger and Hanbury (*op. cit.*) speak of it as "an exhaustive work, for its period, in every direction."

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on the medicinal Chinchona Barks of New Granada, and of the Chinchona trees of Huanco in Peru, by E. Poepping.'
London, 1864, 8vo, pp. 75.

Dr. Karsten's researches were conducted principally in New Granada, and an account of them is given in a splendidly illustrated work called 'Floræ Columbiæ Specimina Selecta,' Berlin, 1858, and also in the above-named pamphlet, which latter has been translated into English at the instance of Mr. Clements Markham. It is to be regretted that the translation has not been more carefully performed.—*Brit. and For. Med.-Chir. Rev.*, July, 1863, p. 3. The two plates showing the microscopic structure of a few barks have not been reproduced in the English edition.

Professor Poepping, of Leipzig, a translation of whose observations is appended, travelled in Peru and Chili in 1827-32, and added much to our knowledge of the grey barks of Huanuco.

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Gravenhage, 4to, pp. 16.

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A magnificent volume....There may be differences of opinion as to the specific value of some of the forms described by Mr. Howard and as to the importance of the characters he relies upon for their discrimination, but there can be but one feeling of admiration for the superbly illustrated work which, from genuine love of science and at great cost to himself, he has placed before the public, and enriched pharmacological and botanical science.—*Brit. and For. Med.-Chir. Rev.*, July, 1863, p. 4.

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The author gives a description, without figures, of the microscopic structure of the type-specimens figured in Delondre and Bouchardat's 'Quinologie.'—*Flückiger and Hanbury, op. cit.*

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A full description of the cinchonas and their barks.

1865. BERG, O. Die Chinarinden der pharmakognostischen Sammlung zu Berlin. Berlin, 4to, pp. 48, tab. 10.

1865. WEDDEL, H. A. Naturgeschichte der Chinabäume nebst einer Beschreibung des genus Cascarilla, &c. (German transl. from the French.?) Vienna, 8vo, pp. 125.

1866. GOUPIL DES PAILLIÈRES, E. A. *Traitement médical de la Pustule Maligne et des affections charbonneuses par l'Extrait de Quinquina à haute dose. Paris, 4to.

1867. VOGL, A. E. Die Chinarinden des Wiener Grosshandels und der Wiener Sammlungen. Vienna, 8vo, pp. 134.

A very exhaustive description of the microscopic structure of the barks occurring in the Vienna market or preserved in that city.—*Flückiger and Hanbury, op. cit.*

1867. MARKHAM, C. R. The Chinchona Species of New Grenada, containing the botanical descriptions of the species examined by Drs. Mutis and Karsten, &c. London, 8vo, pp. 139, pl. 5.

The plates, though not coloured, are good reduced copies of those contained in Karsten's 'Floræ Columbiæ specimina selecta;' they represent the following species :—Cinchona corymbosa, C. Trianæ, C. lancifolia, C. cordifolia, and C. Tucujensis.—*Flückiger and Hanbury, op. cit.*, p. 330.

1867. WENZ, —. Die therapeutische Anwendung der China und ihrer Alkaloide. Tübingen, 8vo.

1868. BINZ, C. Experimentelle Untersuchungen über das Wesen Chininwirkung. Berlin, 8vo, pp. 65, tab. col. 1.

1870. MONTEVERDI, A. Dimostrazione di una nuova importantissima virtù medicamentosa della China e dei suoi preparati. Cremona, 8vo. *Bibl. Med.-Chir. Soc.*

The important virtue which Dr. Monteverdi discovered in cinchona and its preparations, notably in the sulphate of quinine, and which is set forth in this essay, is its power of inducing contraction of the uterus, and of its value, consequently, as an oxytoxic and abortive. For other works relating to this point *vide* "Quinine."

1870. WEDDEL, H. A. Notes sur les Quinquinas. Paris, 8vo, pp. 75. English transl. London, 1871, 8vo, pp. 64. German transl. (with additions and indexes) by Dr. F. A. Flückiger, Schaffhausen and Berlin, 1871, 8vo, pp. 43.

A systematic arrangement of the genus cinchona, and a description of its (33) species, accompanied by useful remarks on their barks.—*Flückiger and Hanbury, op. cit.*, p. 331.

1870. TRIANA, J. Nouvelles Études sur les Quinquinas, d'après les matériaux présentés en 1867 à l'Exposition Universelle de Paris, et accompagnées de fac-simile de dessins de la Quinologie de Mutis; suivies de remarques sur la culture des Quinquinas. Paris, folio, pp. 80, pl. 33.

An interesting account of the labours of Mutis, illustrated by uncoloured copies of some of the drawings prepared by him in illustration of his unpublished 'Quinologia de Bogotá,' especially of the several varieties of cinchona lancifolia; also an enumeration and short descriptions of all the species of cinchona, and of New Grenadian plants (chiefly cascarilla) formerly placed in that genus.—*Flückiger and Hanbury, op. cit.*

1871. CARLES, P. P. Étude sur les Quinquinas. Paris, 8vo, pp. 87.

Mainly pharmacological, in which respect it is very comprehensive and useful.

1875. OUDEMANS, A. C. Over het soortelijk draaiingsvermogen der voornaamste Kina-alkaloïden in vrijen en gebonden toestand. Amsterdam, 2, 181 en 2 bl. met 4 platen.

1875. MARKHAM, CLEMENTS R. Memoir of the Lady Ana de Osorio, Countess of Chinchon, and Vice-Queen of Peru (A.D. 1629-39), with a plea for the correct spelling of the Chinchona Genus. London, 8vo, pp. 99.

It is impossible not to admire the perseverance of Mr. Clements Markham in seeking to introduce a change in the orthography of the word cinchona. Scientific men generally have resisted Mr. Markham's pleadings in consequence of the inextricable confusion which would arise in changing a long-established botanical and chemical nomenclature, for the change could not be confined to the tree or bark itself, but must extend to all its derivatives. On the other hand, little or no injustice is done to the Countess of Chinchon, whose claims to gratitude as the introducer of cinchona into Europe are admitted on all hands; they have been neither ignored nor forgotten, and the chance of their ever becoming so, in times to come, is rendered almost impossible by the writings of Mr. Clements Markham, who has himself played so conspicuous and honorable a part in the history of cinchona—not less important, certainly, than that of the illustrious countess herself.

CINCHONA, SUBSTITUTES FOR.

1747. VOGT, T. *Diss. sistens examen Succedaneorum quorundam Corticis Peruviani. Præs. J. H. Kniphof. Erfordii, 4to. *Bibl. Linn. Soc.*

De Hippocastano, Fraxino, Pruno sylvestri, nucibus Cupressi, Gallis, Gentiana, Chamæmelo, quod laudat, Cascarilla quam in quotidiana febre Chinæ Chinæ præfert.—*Haller, Bibl. Bot.*, ii, p. 228.

1784. LETTIERI, N. De remedio Febrifugo nostrate Cortici Peruviano pari, vel forsan eo præstantiori, &c. Naples, 8vo, pp. 118.

The febrifuge here proposed is the mineral water of Pisciarelli.—*Callisen.*

1793. AUFMKOLK, F. W. De Cortice Caribæo (Exostemma Caribæum, *Willd.*), Cortici Peruviano substituendo. Gottingæ, 8vo, pp. 39. *Bibl. Banks; Roy.*

1803. MAURIN, —. *Essai sur les moyens de suppléer au Quinquina par l'association de quelques substances indigènes. Montpel. 8vo.

1808. HOCHHERZ, L. De quibusdam remediis Cortici Peruviano in febribus intermittentibus substituendis. Gottingæ, 4to.

1808. MARTIN, —. *Quelques mots sur les Quinquinas usités, et sur leurs succédanés. Montpellier, 4to.

1809. PIDERIT, P. J. Ueber inländische Surrogate für die Chinarinde. Göttingen, 8vo.

Advocates the claims of chamomile as a substitute for cinchona.—*Edin. Med. Surg. Journal*, April, 1817, p. 139.

1809. LEROY, A. Des Quinquinas Français et Péruviens. Paris, 8vo.

The substitute here proposed is the bark of the ash tree. *Vide* "Fraxinus," 1809.

1809. RENARD, J. C. Die inländischen Surrogate der Chinarinde. Mainz, 8vo, pp. 196. *Bibl. Roy.*

Recommends many indigenous aromatic and bitter plants as substitutes for cinchona.—*Edin. Med. Surg. Journal*, April, 1817, p. 139.

1809. GRINDEL, D. H. China-Surrogat, oder ein neues Arzneimittel. Zweite Aufl. Leipzig, 8vo, pp. 88. *Bibl. Roy.*

Advocates the claims of an extract prepared from unroasted coffee as a substitute for cinchona, and testimonials in favour of it are given by Paldamus (*Horn's Archiv*, 1809, B. 3, Heft 2), Neumann (ibid., May, 1811), and Weber (ibid., May, 1812). (See also *Edin. Med. Surg. Journal*, 1817, p. 139. See also "Coffea Arabica.")

1809. REHMANN, J. Notice sur un remède propre à remplacer le Quinquina. Moscow, 8vo, pp. 40. Editions in Russian, German, and French, seem to have appeared at Moscow in this year.

The substance here proposed for cinchona is the rind of the pomegranate.—*Edin. Med. Surg. Journal*, April, 1817, p. 140.

1810. FODÉRÉ, F. E. Sur la nature des Fièvres à periodes et sur la valeur des différens remèdes substitués au Quinquina, spécialement sur l'Arséniate de Soude. Marseille, 8vo.

1810. KÜHLN, C. D. Febrifuga remedia quæ Cortici Peruviano vicaria succedunt. Lipsiæ, 4to.

1810. MEISSNER, C. L. *De præcipuis Corticis Peruviani substitutis, in primis de Æsculo Hippocastano. Jenæ, 8vo, pp. 20.

1811. ZAMBELLI. *Vide* "Coffea," 1811.

1812. REGNAUD, —. *Diss. sur les végétaux indigènes qui peuvent remplacer le Quinquina dans les fièvres intermittentes. Paris, 4to.

1812. HARTUNG, —. *De Cinchonæ speciebus atque medicamentis Chinam supplementibus. Argentorati, 4to.

1812. MÜNZ, M., et RAAB, F. De Cortice Peruviano et Radice Ipecacuanhæ eorumque surrogatis. Landishuti, 8vo, pp. 233. *Bibl. Coll. Surg. Lond.* (ed. 1818?)

1812. AUDOUARD, M. F. M. Des Fièvres Intermittentes ... d'un nouveau fébrifuge propre à remplacer le Quinquina dans la curation des Fièvres Intermittentes, &c. Paris, 12mo.

This new febrifuge is a combination of opium, camphor, and aloes.—*Callisen.*

1813. NEUROHR, —. *De Corticis Peruviani remediis succedaneis. Argentorati, 4to.

1815. SANDER, G. C. H. Die Wandflechte (*i. e.* Parmelia (Lichen) parietina) ein Arzneimittel welches die peruvianische Rinde nicht nur entbehrlich macht, sondern sie auch an gleichartigen Heilkräften übertrifft, &c. Sunderhausen, 4to.

Of fifty-two answers sent in to the question proposed by the Austrian Government as to the best substitute for cinchona, the first prize, 100 ducats, was awarded to this treatise (*vide* 'Edinburgh Med.-Surg. Journal,' April, 1817, p. 138 *et seq.*, where will be found a full account of the cinchona substitutes proposed by various writers between 1807 and 1817).

1817. MONKEWITZ, J. H. *Vide* "Parmelia (Lichen) parietina," 1817.

1817. STYX, M. E. *Vide* "Parmelia (Lichen) parietina," 1817.

1820. Re, G. F. Sopra un nuovo succedano della Corteccia del Peru. Torino, 8vo, pp. 21.

The substitute here proposed is Lycopus Europæus.—*Callisen.*

1821. Guilhaumon, —. Recherches sur les végétaux indigènes fébrifuges propres à remplacer le Quinquina, &c. Montpellier, 4to.

1822. Ernert, F. A. De medicamentis in febribus intermittentibus Cortici Peruviano sustitutis. Berol. 8vo.

1828. Tresling, J. B. De nonnullis vegetabilium principiis alcaloideis aut substantiis antifebrialibus, imprimis cum alkaloideis Corticis Peruviani comparatis. Gröningen, 8vo. *Bibl. Roy.*

1835. Herbet, F. E. *Des principaux succédanés du Quinquina, &c. Paris, 4to.

1854. Delioux de Savignac, J. F. J. A. Examen sur quelques succédanés antipériodiques du Quinquina. (Ex. in *Bull. de Thérap.*, 1834, vol. xlvi, pp. 145, 195; ibid., 1857, vol. lii, p. 193.)

Vide also "Febrifuges," "Antiperiodics," "Arsenic," "Coffea," "Salix," &c.

CINCHONA.

Introduction into and Cultivation of in India and other Countries.

1859. Markham, C. R. Notes on the culture of Cinchona. s. l., 8vo, pp. 22.

1861. Spence, R. Report on the Expedition to procure Seeds and Plants of the Cinchona succirubra, or Red Bark Tree. London, 8vo, map, pp. 111.

1861. Markham, C. R. On the introduction of the Cinchona Plant into India. Loc.? 8vo. *Bibl. Med.-Chir. Soc.*

1861. Cross, R. Report on the Expedition to procure Seeds of Cinchona Condaminea from the Sierra de Cajanuma, near Loxa, in Ecuador. London, 8vo, pp. 44.

1861. Junghuhn, F., et De Vry, J. E. The cultivation of the Quina Tree in Java to the end of 1859. A translation from the Dutch. London, 8vo, pp. 75.

1862. Markham, C. R. Travels in Peru and India while superintending the collection of Chinchona plants and seeds in South America, and their introduction into India. London, 8vo, maps and illustrations.

1863. (Parliamentary Return.) Copy of Correspondence relating to the introduction of the Chinchona Plant into India and to proceedings connected with its cultivation from March, 1852, to March, 1863. Ordered by the House of Commons to be printed 20 March, 1863. Folio, pp. 272.

Contains correspondence of Royle, Markham, Spruce, Pritchett, Cross, McIvor, Anderson, and others, illustrated by five maps.—*Flückiger and Hanbury, Pharmacographia*, p. 329.

The orthography of cinchona, as it appears in the above title, was at the

instance of Mr. Clements Markham adopted by the India Office. It is met with in official correspondence, but not in scientific or medical works generally. For further remarks on this subject see "Cinchona" (*antè*), 1875.

1863. MacIvor, W. G. Notes on the propagation and cultivation of the medical Cinchonas or Peruvian Bark trees. Madras, 8vo.

1865. (Anon.) Cultura das Plantas que dao a Quina. Lisboa, 8vo, pp. 117, tab. lithograph. 5.

Affords proof of the interest taken by the Portuguese and their Government in the maintenance of a cultivation in their colonies of plants so vital to the health of the community as cinchona.—*Medical Times and Gaz.*, June 17, 1865, p. 636.

1866. (Parliamentary Return.) Copy of further Correspondence relating to the introduction of the Chinchona Plant into India and to proceedings connected with its cultivation, from April, 1863, to April, 1866. Ordered by the House of Commons to be printed 18 June, 1866. Folio, pp. 379.

Contains monthly reports of the plantations on the Neilgherry Hills; annual reports for 1863-64-65, with details of method of propagation and cultivation, barking, mossing, attacks of insects, illustrated by woodcuts and four plates; report of Cross's journey to Pitayo, with map; cinchona cultivation in Wynaad, Coorg, the Pulney Hills, and Travancore, with map; in British Sikkim, the Kangra Valley (Punjab), the Bombay Presidency, and Ceylon.—*Flückiger and Hanbury, op. cit.*

1868. Hardy, —. Note sur la culture du Quinquina en Algérie. Paris, pamphlet. *Bibl. Pharm. Soc. Lond.*

1868. Soubeiran, J. L., et Delondre, A. De l'Introduction et de l'Acclimatation des Cinchonas dans les Indes Néerlandaises et dans les Indes Britaniques. Paris, 8vo, pp. 165 *Bibl. Pharm. Soc. Lond.*

A comprehensive historical memoir, evidencing extensive research and correct judgment on the part of the authors.

1869. Gorkom, K. W. van. Die Chinakultur auf Java. Aus dem Holländischen von C. Hasskarl. Leipzig, 8vo, pp. 61. English transl. London, 1870, 8vo. *Bibl. Pharm. Soc. Lond.*

An account of the management of the Dutch plantations.

1869. Howard, J. E. Quinology of the East Indian Plantations. Folio, pp. 43, tab. col. 3.

The three coloured plates exhibit the structural peculiarities of cultivated Cinchonæ.—*Flückiger and Hanbury, op. cit.*, p. 329.

1869. Miquel, F. A. W. De Cinchonæ speciebus quibusdam, adjectis iis quæ in Java coluntur. Amst. 4to, pp. 20.

1870. (Parliamentary Return.) Copy of all Correspondence between the Secretary of State for India and the Governors of Madras and Bombay relating to the cultivation of Chinchona Plants from April, 1866, to April, 1870. Ordered by the House of Commons to be printed 9 August, 1870.

Contains reports on the Neilgherry and other plantations, with map; appointment of Mr. Broughton as analytical chemist, his reports and analyses; reports on the relative efficacy of the several cinchona alkaloids (viz.

quinine, quinidine, cinchonine, and cinchonidine, with some very interesting and important medical details); on cinchona cultivation at Darjiling and in British Burma.—*Flückiger and Hanbury, op. cit.*

1870. BELANGER, C. Essais de culture du Quinquina à la Martinique. Paris, 8vo. *Bibl. Pharm. Soc. Lond.*

CINNAMOMI et CASSIÆ CORTEX.

Cinnamon and Cassia.

1670. SCHENCKIUS, J. T. *De Cinnamomo. Resp. J. P. Höechstetter. Jenæ, 4to, pp. 53. *Bibl. Banks; Linn. Soc.*

1700. DEXBACH, J. G. De Cassia Cinnamonea et Malabratho. (In *Valentini Historia Simplicium*, p. 597-609.) Marpurgi, 4to. *Bibl. Banks.*

1707. SLEVOGT, J. H. De Cinnamomo. Jenæ, 4to.

1707. WEDEL, G. W. *De Cinnamomo. Resp. G. C. Titius. Jenæ, 4to, pp. 31, tab. i. *Bibl. Banks; Linn. Soc.*

1709. GOELLER, C. L. De Cinnamomo. Traject. ad Rhen. 4to, pp. 32. *Bibl. Banks.*

Descriptive of the different kinds of cinnamon, &c. See short notice in *Haller, Bibl. Bot.*, ii, p. 93.

1745. CARTHEUSER, J. F. De Cassia aromatica ejusdemque differentia, principiis et viribus. Francof. 4to, pp. 32.

1763. GMELIN, S. T. De Analepticis quibusdam nobilioribus a Cinnamomo, Aniso stello, &c. Tubingæ. *Bibl. Med. Soc. Lond.*

1787. GEHLER, J. C. Progr. de usu Cinnamomi in partu valde dubio. Lipsiæ, 4to.

1797. NOGUEIRA DA GAMA, M. J. Memoria sobre o Loureiro Cinnamomo vulgo Caneleira de Ceylâo. Lisbon, 8vo, pp. 38, tab. i.

1816. COLLADON, L. T. F. Histoire naturelle et médicale des Casses et particulièrement de la Casse et des Sénés employés en médecine. Montpellier, 4to, pp. 140, tab. 20. *Bibl. Linn. Soc.*

1823. NEES VON ESENBECK, C. G. De Cinnamomo disputatio. Bonn, 4to, pp. 74, tab. 7. *Bibl. Coll. Surg. Lond.*

1855. CHOMIER, J. C. *Utilité des préparations de Cannelle (Cinnamon) principalement dans la Métrorrhagie. Paris, 4to, pp. 34.

CITRUS AURANTIUM, Linn., C. LIMONUM, Linn., et ACIDUM CITRICUM.

The Orange, the Lemon and Citric Acid.

1514. PONTANUS, J. J. Horti Hesperidum libri duo, quibus agitur de Citrio fructu et arbore. Florentiæ, 12mo. Impr. etiam in ejusdem Operibus, Venetiis (*apud* Aldum) 1518 et 1533, et Basileæ, 1536, 8vo.

1561. MONARDES, N. De malis Citriis, Aurantiis et Limoniis, Impr. cum ejus "De secanda vena in pleuritide." Antverpiæ, 16mo. Idem, 1564, 8vo. Etiam in *Clusii Exoticis*, Antverpiæ, folio, 1605, p. 43-50. *Bibl. Med.-Chir. Soc.*

1583. EBENBITAR seu EBEMBITAR. De Limonibus per A. Bellunensem in Latinum translatus. Venetiis, 8vo. Idem Paris, 1602, 4to, et Cremona, 1757, 4to. See also Valcarenghi, 1758, *infrà*. *Bibl. Banks* (omnes).

1646. FERRARI, J. B. Hesperides, sive de Malorum Aureorum cultura et usu, libri iv. Romæ, folio, pp. 480, figs. *Bibl. Coll. Phys. Edin.; Coll. Phys. Lond.*

1653. PANTHOT, J. Quæstiones quatuor: 1. Ergo Calculo succus Limonum. Monspel. 4to.

1665. NIGRISOLI, H. Progymnasmata sex, quorum secundum, est de Succi Citrei et Limonii viribus et usu in febricitantibus et puerperis. Guastallæ, 4to.

1668. GRUBE, H. Analysis Mali Citrei compendiosa ad botanices, philosophicæ juxta ac medicæ cynosuram redacta. Hafniæ, 8vo, pp. 72. *Bibl. Linn. Soc.; Med. Soc. Lond.*

Vires medicatas tradit.—*Haller, Bibl. Bot.*, i, p. 524.

1686. FRANKE vel FRANCUS, G. F. *De Malo Citreo. Resp. D. Nebel. Heidelbergæ, 4to, pp. 54. *Bibl. Banks.*

Philologia, descriptio, cultus, vires pomi totius et corticis et pulpæ.—*Haller, Bibl. Bot.*, i, p. 576.

1690. LANZONUS, G. Citrologia seu curiosa Citri descriptio. Ferrariæ, 12mo, pp. 107. Ed. alt. 1703. *Bibl. Banks.*

Ad vires fere medicatas.—*Haller, Bibl. Bot.*, i, p. 646.

1694. BURGGRAFIUS, J. B. *Diss. de Malo Sinensi aureo. Præs. P. R. Vitriario. Lugd. Bat. 4to. *Bibl. Linn. Soc.* (*sub nom.* Vitriario).

1715. SCHMIDT, P. G. *De præstantia malorum Citriorum in medicina. Præs. F. Hoffmann. Halæ, 4to. *Bibl. Linn. Soc.; Coll. Phys. Edin.*

Elegans purgans medicamentum parat ex pomo citrio cum tamarindis et manna, in aqua cocto et colato.—*Haller, Bibl. Bot.*, ii, p. 22.

1744. HEISTER, L. *De Aurantiis eorumque eximio usu medico. Resp. J. H. A. Wilberding. Helmstadii, 4to, pp. 70, tab. i. *Bibl. Linn. Soc.; Coll. Phys. Edin.*

1758. VALCARENGHI, P. In Ebenbitar tractatum de Malis Limoniis commentaria. Cremonæ, 4to, pp. 232. *Bibl. Med. Soc. Lond.; Manch. Med. Soc.*

1764. HAEN, A. DE. Sur l'usage de la feuille d'Oranger, &c. *Vide* "Colchicum," 1764.

1766. HANNES, C. R. De puero epileptico foliis Aurantium recentibus servato. Lipsiæ, 8vo. (Idem in *Sandifort Thesaur.* iii, p. 311.) *Bibl. Med.-Chir. Soc.* (Sandifort).

1771. LOOF, J. A. Historia Epilepsiæ foliis Aurantium sanatæ. Groningæ, 4to.

1783. DUBUISSON, —. Mémoire sur les Acides natifs du Verjus, de l'Orange et du Citron. Paris, 8vo, pp. 30.

1791. SCHINDLER, M. Commentatio medica sistens observationes circa usum Conii maculati et mali Citrei in Scorbuto aliisque morbis. Ulmæ, 4to, pp. 20. *Bibl. Acad. Edin.*

1811. GALLESIO, G. Traité du Citrus. Paris, 8vo, 363, tab. 1.

This work reappeared in 1829 with a new title announcing it as a second edition, but it differs nothing from the original except in this particular.—*Pritzel.*

1813. RISSO, J. A. Essai sur l'histoire naturelle des Orangers, &c. Paris, 4to, pp. 74, tab. 2. *Bibl. Med.-Chir. Soc.*

1818-19. RISSO, J. A., et POITEAU, A. Histoire naturelle des Orangers. Paris, folio, pp. 280, tab. col. 109.

A finely illustrated botanical work.

1828. WERLITZ, G. A. *De Olei Citri aetherei recens expressi usu in quibusdam oculorum morbis. Berol. 8vo, pp. 21.

1845. MITSCHERLICH, C. G. De Acidi Acetici...Citrici, &c. effectu in animalibus. *Vide* "Acetic Acid." Berol, 4to.

1849. REES, OWEN. On the treatment of Rheumatic Disease by Lemon Juice, with illustrative cases, &c. London, 8vo, pp. 38. *Bibl. Med.-Chir. Soc.*

In this pamphlet eight cases of rheumatic diseases, principally of the acute form, are narrated in order to illustrate the action of lemon juice in doses of one ounce, four or five times a day in this class of cases. Its effects are apparently to depress the force and number of the pulse and to increase the solid constituents of the urine. The theory of its mode of action suggested by Dr. Rees is that it supplies a large quantity of oxygen for the transformation of the tissues.—*London Med. Gazette*, October, 1849, p. 549. See also *Brit. and For. Med.-Chir. Rev.*, October, 1849, p. 529,

1853. BRINKMANN, W. Ueber die Constitution der Citronensäure. Dorpati, 8vo, pp. 59.

1853. IMBERT-GOURBEYRE, A. Mémoire sur l'action physiologique de l'Huile essentielle d'Oranges Amères. Paris, 8vo, pp. 32.

1857. O'ROURKE, —. Du Suc de Citron et de son emploi, agent préventif et curatif du Scorbut. (Ex *Revue Coloniale*, July, 1857.) Paris, 8vo, pp. 7.

The credit of having been the first to recommend the systematic introduction of lime juice with the British Navy as a preventive of scurvy is due to Mr. Leonard Gillespie, Surgeon R.N., in 1785. His interesting observations are recorded in the 'London Medical Journal' for that year (vol. v, p. 397), from which it appears, however, that prior to that date it was in use in the Dutch navy. One of the first, if not the very first, medical writer in this country to recommend the employment of the juice of limes, lemons, and tamarinds, as the best antiscorbutics was John Woodall in his 'Chirurgeons Mate, published in 1612; its value in this character is also noticed in 'Purchas his Pilgrimes,' vol. i, p. 149. London, 1625. According, however, to Dr. Curran (*Dublin Quart. Med. Journ.*, iv, p. 122) the extraordinary powers of lemon and orange juice in controlling the ravages of scurvy are fully set forth by Ronsseus, whose work 'De Scorbuto' was published at Antwerp in 1564.

1858. HEGNER, R. *Der akute Gelenkrheumatismus und seine Behandlung durch Citronensaft. Zurich, 8vo, pp. 62, tab. i.

Note.—There are several other monographs on the orange, citron, and other trees belonging to this genus, but they are mainly botanical or horticultural.

CLEMATIS ERECTA, Linn.

Flammula Jovis.

1769. STÖRCK, A. Libellus quo demonstrantur herbam veteribus dictam Flammulam Jovis posse tuto et magnâ cum utilitate exhiberi, &c. Vindobonæ, 8vo, fig. i.

Acrem dum recens est plantam, cum siccitate mitescentem, tum inspergendo, tum interno usu adhibuit ad ulcera, etiam pessima, etiam cancrosa, mammæ deinque cancrum: tum ad scirrhos articulorum tumores.—*Haller, Bibl. Bot.*, ii, p. 493.

1777. SPALOWSKY, J. De Cicuta, Flammula Jovis, &c. Vindobonæ, 8vo. *Vide* "Conium," 1777. *Bibl. Med.-Chir. Soc.*

Extols the use of this plant, either in powder or infusion, as a local application to cancerous and other ulcerations, and as specially useful in removing exuberant granulations. The infusion taken internally is advised in syphilitic pains of the bones, &c.

CLEMATIS VITALBA, Linn.

Traveller's Joy.

1561. FLOREMBENI, P. Epistola ad Mathiolum de Dioscoridis altera Clematide. Impr. in *Mathioli Epistolæ Medicinales.* Pragæ, folio. *Bibl Med.-Chir. Soc.* (Mathiolus).

1786. MUELLER, J. A. T. De Clematide Vitalba, *Linn.*, ejusque usu medico. Erlangæ, 4to, pp. 28.

COAL TAR.

1860. LEMAIRE, J. Du Coal-tar Saponisé, désinfectant énergique arrêtant les fermentations: de ses applications à l'hygiène, à la thérapeutique, à l'histoire naturelle. Paris, 8vo, pp. 92. *Bibl. Med.-Chir. Soc.*

1865. LEMAIRE, J. Nouvelles observations sur les applications du Coal-tar Saponisé à la thérapeutique, &c. Paris, 8vo, pp. 53.

1871. MAGNES-LAHENS. Note sur le Coal-tar dans le pansement des Plaies. *Vide* Pix liquida, 1871.

1873. BEAU, L. Du traitement des Plaies en général, et en particulier d'un mode nouveau de pansement antiseptique par le Coal-tar et le Charbon, suivi d'un aperçu sur la Pourriture d'Hôpital et son traitement. Paris, 8vo, pp. 136.

This brochure does not contain any great novelty in the mode of treating wounds, its object being rather to point out certain details in the mode of application of coal tar which the author considers necessary to its success. For these and other points of interest see *Dublin Journ. Med. Sci.*, Dec., 1873, p. 492-3.

1874. MAGNES-LAHENS, —. Nouvelles études sur le Coal-tar pulvérulent au charbon. Toulouse, 8vo, pp. 11.

COBALT.

1744. GESNER, J. A. Historia Cadmiæ, seu Cobalti? Berolini, 4to. *Bibl. Linn. Soc.*

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... Cobalt, &c., auf den thierischen Organismus. *Vide* "Metals," 1825. Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*

COCCULUS INDICUS.

Fruit of Anamirta Cocculus, W. et A.

1591. CODRONCHUS, B. Tractatus de Baccis Orientalibus et Antimonio. Impr. cum ejus opusculo 'De Christiana et tuta medendi ratione.' Ferrariæ, 4to, et Bononiæ, 1629.

Baccæ orientales sunt Cocculi di Levante, amarissimi, pisces enecantes, quos tamen noster negat venenum habere, esti pediculos destruunt. Pisces ab eorum cocculorum veneno interfici, non inebriari.—*Haller, Bibl. Med. Pract.*, ii, p. 295.

1815. COURBANT, L. *Essai sur les propriétés délétères du Camphre et de la Coque du Levant. Paris, 4to, pp. 22.

1818. BOULLAY, P. F. G. L'histoire naturelle et chimique de la Coque du Levant...examen de son principe vénéneux et d'un nouvel acide particulier à cette semence. Paris, 8vo, pp. 32. Deuxième part, 1818, Paris, 4to, pp. 24.

1847. TSCHUDI, J. J. VON. Die Kokkelskörner und das Pikrotoxin. St. Gallen, 8vo, pp. 130.

Vide "Picrotoxine."

COCCUS CACTI.

Cochineal.

1701. RICHTER, C. F. Tractatus physicus de Cochinilla. Lipsiæ, 12mo. *Bibl. Banks; Linn. Soc.*

1743. SCHULZE, J. H. De Granorum Kermes et Coccionellæ convenientia, viribus et usu. Resp. J. C. F. Berthold. Halæ, 4to, pp. 26. *Bibl. Banks.*

1755. SCHAUER, A. G. C. *Purpuræ e Coccionilla in medendo dignitas. Præs. J. J. Delius. Erlangæ, 4to.

1787. LINCK, J. G. *Diss. de Coccionellæ natura, viribus et usu. Lipsiæ, 4to. pp. 31. *Bibl. Banks.*

COCHLEARIA OFFICINALIS, Linn.

Lemon Scurvy Grass.

1674. MÖLLENBROCK, V. A. Cochlearia curiosa, cum indice rerum et verborum locupletissimo. Lipsiæ, 8vo, pp. 140, tab. 4. Alt. ed. Lipsiæ, 1746. English transl. by Dr. T. Sherley. London, 1676, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Lauded for its medical virtues, especially as an antiscorbutic. See abstract in *Haller, Bibl. Med. Pract.*, iii, p. 19.

1859. GEISELER, C. G. *De Cochlearia officinali ejusque oleo. Berol. 8vo, pp. 52.

COCOS MALDIVICA, Linn.

Sea or Sechelle Cocoa Nut.

1634. CLUYT or CLUTIUS, A. De Nuce Medica [Historia Cocci de Maldiva Lusitanis seu Nucis Medicæ Maldivensium]. Amst. 4to, pp. 60, tab. i, fig. 5. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

Considering the period at which Cluyt wrote, he has managed to bring together a large mass of information regarding this article. He advocates its use, generally however in combination with other drugs, in epilepsy, paralysis, convulsions, dysentery, colic, difficult labours, spasm, fevers, &c. His exaggerated estimate of its medicinal virtues is thus summed up in his own words:—"Medicamentum Maldivicum quasi manus Dei est, operantis citò, tutò, jucundè"!

1694. PECHEY, J. Observations upon the Maldiva Nut and its virtue in giving speedy delivery to women. Lond. 4to. *Bibl. Med.-Chir. Soc.*

COCOS NUCIFERA, Linn.

Cocoa Nut Palm.

1825. ROODE VAN EISINGA, P. P. Propriétés médicales des diverses parties du Cocotier. Batavia.

1831. BENNETT, J. W. Treatise on the Cocoa-nut Tree. Lond. 8vo. *Bibl. Linn. Soc.*

1832. MARSHALL, H. Contribution to a natural and economical history of the Cocoa-nut Tree. Edin. 8vo, pp. 30. Second ed. 1836. *Bibl. Med.-Chir. Soc.*

This work is a reprint with considerable additions and corrections of a memoir which originally appeared in the *Wernerian Transactions.*

1856. RÉGNAUD, C. Histoire naturelle, hygiénique et économique du Cocotier (Cocos nucifera, *Linn.*). Paris, 4to, pp. 139. *Bibl. Pharm. Soc. Lond.*

Contains a comprehensive account of the cocoa-nut tree and its multitudinous uses.

1861. CLEGHORN, HUGH. Notes on the Cocoa-nut Tree and its uses. Pamphlet, Edin. 8vo. *Bibl. Pharm. Soc. Lond.*

CODÉIA. CODEINE.

1856. BERTHÉ, M. Étude chimique, physiologique thérapeutique et toxicologique de la Codéine. Paris, 8vo, pp. 40.

1857. ROBIQUET, E. Note sur la Codéine, lue à l'Acad. de Médecine. Paris, 8vo, pp. 8.

Vide "Opium."

COFFEA ARABICA, Linn.

Coffee.

1657. R[UMSEY] (W[ILLIAM]). Organon Salutis; and Experiments of the virtue of Tobacco and Coffee. London, 18mo. (To this are prefixed epistles in praise of Tobacco and Coffee by Sir Henry Blount, and James Howell, the historian.) *Bibl. Med.-Chir. Soc.*

1666. STRAUSS, L. De potu Coffi. Francof. 4to, with woodcut figs. French transl. by P. S. Dufour, Lyon, 12mo, 1671. English transl. by J. Chamberlayn (*infrà*) 1685. *Bibl. Banks.*

1671. BANESIUS, F. De potu Cafi. (Latine et Italice.) Romæ, 12mo. English transl. London, 1710.

1671. NAIRONUS, A. F. De saluberrima potione Cahve seu Cafe discursus, &c. Romæ, 12mo, pp. 57. *Bibl. Banks.*

1671. MAGRI, D. Virtù del Caffé bevanda introdutta nuovamente nell' Italia. Roma, 4to.

Hoc ipso anno (1671) coffeæ potus Romam penetraverat. Non bene pro specie cacao habet. Laudat adversus plurima mala.—*Haller, Bibl. Bot.*, i, p. 554.

1671 (1675?). DUFOUR, P. S. Traités nouveaux et curieux du Café, du Thé et du Chocolat. Lyon, 12mo. Ed. alt. La Haye, 1685, 12mo; 1693, 12mo. Latin transl. *sub nomine* Jacobi Sponii, Genevæ, 1685, 12mo. German transl. Hamburg, 1684, 12mo.

Historia naturalis caffeæ et utendi modus, et utilitas etiam medica.—*Haller, Bibl. Med. Pract.*, iii, p. 304.

No little confusion with regard to the works ascribed respectively to Philippe Sylvestre Dufour and Jacob Spon vel Sponius has arisen from the fact that the former was a pseudonym employed occasionally by the latter in his publications.—*Pritzel ex Magazin Encyclop.*, 1810, tome iv, p. 205.

1674. GALEANO, J. Il Café, &c. Palermo, 4to.

1675. TOGNI, M. Raccolta delle singolari qualità del Caffé. Venezia, 12mo.

1685. CHAMBERLAYN, J. Manner of making Coffee, Tea, &c. Lond. 12mo.

Contains translations of the treatises of Strauss and Dufour.

1685. SPON or SPONIUS, JACOB. *Vide* "Dufour," 1671.

1685. MARSIGLI, COUNT L. F. Bevanda Asiatica, &c.: che narra l'historia medica de Cavè. Vienna, 8vo, pp. 47.

1685. MUNDAY, H. Opera omnia, &c., cum appendice de Thea, Coffea, Tobaco, &c. Leyden, 8vo.

1687. BLEGNEY, N. DE. Le bon usage du Thé, du Café, &c., pour la préservation et pour la guérison des maladies. Paris, 12mo, pp. 358, tab. i. Idem Lyon, 1688, 12mo. *Bibl. Banks.*

1691. RAMBALDI, A. Ambrosia Arabica, overo della salutare bevande Café. Bologna, 12mo, pp. 69. *Bibl. Banks.*

1695. YON, A. DE S., et LE CLERC, E. *Ergo ab immoderato potu decocti Coffé sterilitas. Paris, 4to.

1695. MAPPUS, M. Dissertationes medicæ tres, de receptis hodie etiam in Europa potus calidi generibus Thée, Café, Chocolata. Argentorati, 4to. This is the general title prefixed to the three following dissertations:—De potu Thée, resp. J. Heckheler, 1691; De potu Café, resp. D. Wencker, 1693; and De potu Chocolatæ, resp. J. C. Huth, 1695. *Bibl. Banks* (omnes).

Pleraque ex D. Dufour, analysis aliqua, Lacteum Coffeæ decoctum laudat. —*Haller, Bibl. Bot.*, i, p. 648.

1697. THUILLIER, M., et TONNELLIER, P. LE. *Ergo potus Caffée cum lacte salubrior. Paris, 4to.

1699. GALLAND, A. De l'origine et du progrès du Café. Sur un manuscrit Arabe de la Bibliothèque du Roy. Caen, 8vo, pp. 79.

A curious work, mainly historical, judging from a short notice of it in *Haller, Bibl. Bot.*, ii, p. 44.

1703. ANDALORIUS, A. Il Caffée descritto ed esaminato. Messina, 12mo.

1705. MANGET, J. Bevanda Asiatica, id est, physiologia potûs Caffe, &c. Edit. J. Sponius. Lipsiæ, 4to, pp. 56, tab. 5.

1706. DUNCAN, D. Wholesome advice against the abuse of hot liquors, particularly of Coffee, Tea, &c. London, 8vo. German transl. Leipzig, 1707, 8vo.

1715. GAYANT, L. *An a frequentiori Coffeæ potu vita brevior. Paris. 4to.

1716. FAGON, G. C. *Litteratisne salubris Café usus? Paris. 4to.

1717. LOCHNER, M. F. De novis et exoticis Theæ et Coffeæ succedaneis. Norimbergæ, 4to.

1717. LA ROQUE, —. Nachricht vom Cafee und Cafee Baum. Lipsiæ, 4to, pp. 69, tab. 3. *Bibl. Linn. Soc.; Banks.*

1718. FERMELHUYS, J. B. *An a potu Coffeæ frequentior apoplexia. Paris, 4to.

1721. BRADLEY, R. The virtue and use of Coffee with regard to the Plague and other infectious distempers; containing the most remarkable observations, &c. Lond. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

1721. MEISNER, L. F. Anacrises medico-historicæ de Caffeæ, Chocolatæ, Théæ, ac Nicotianæ natura, usu et abusu. Norimbergæ, 8vo, pp. 124, tab. 4. *Bibl. Banks.*

Disputatio perampla. Collatitia opera: de Coffea fere ex Sponio (Dufour) Icon Theæ ex Breynio. Nicotianam minorem solem exhibet, neque discriminis inter utriusque speciei meminit.—*Haller, Bibl. Bot.*, ii, p. 165.

1724. LUDOLFF, H. *De fabis Coffee. Resp. D. G. Herold. Erfordiæ, 4to, pp. 20. *Bibl. Banks.*

1725-7. DOUGLAS, J. Arbor Yemensis fructum Cofé ferens, or a description and history of the Coffee Tree. Lond. folio, tab. 2. Supplement, 1727, folio. *Bibl. Linn. Soc.*

Accurata plantæ descriptio; potissimum historiam potus Coffeæ, ut paulatim invaluerit, et commercii Coffeæ.—*Haller, Bibl. Bot.*, ii, p. 188.

1725. FISCHER, J. A. Diss de potu Caffee, &c. Erfordii, 4to.

1730. GRIMMAN, J. N. *De Coffeæ potûs usu noxio. Præs. M. Alberti. Halæ, 4to. *Bibl. Med. Soc. Lond.*

1731. CIVININI, J. D. Della storia e natura del Caffé. Firenze, 4to, pp. 46, tab. i. *Bibl. Banks.*

1733. PLAZ, A. G., et GLEDITSCH, J. G. *De potus Coffeæ abusu, catalogum morborum augente. Lipsiæ, 4to. Ibid. 1751, 4to. *Bibl. Med.-Chir. Soc.; Radcliffe.*

Historia coffeæ, elementa, noxæ, quas nimium extollit, certe in generationis, quæ ei potui tribuit, impedimentis.—*Haller, Bibl. Bot.*, ii, p. 211.

1736. FEVRE, J. F. C. De natura, usu et abusu Caffé, Thé, Cocolatæ et Tabaci. Vesuntii. *Bibl. Manchester Med. Soc.*

1737. HILSCHER, S. P. Diss. de abusu Coffeæ, &c. Jenæ, 4to.

1740. GEYER, —. An potûs Café dicti vestigia in hebræa scriptura, &c. Affirm. Wittenbergæ, 4to.

1741. JUSSIEU, J. DE. *Ergo literatis salubris Coffeæ usus. Paris, 4to.

1743. KRÜGER, J. G. Gedancken vom Kaffee, Thee, und Toback. Halæ, 8vo, pp. 60. *Bibl. Banks.*

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1744. KRAUSSE, G. C. Traité du Café, &c. Halæ, 8vo. Ibid. 1746.

1746. PAULLI, F. Treatise on Tobacco, Tea, Coffee, &c. Translated by R. James. London, 8vo. *Bibl. Med.-Chir. Soc.*

1746. MILHAU, —. Diss. sur le Caffeyer. Montpellier, 8vo, pp. 29. *Bibl. Banks.*

1751. DALLA-BONA, J. L'uso e l'abuso del Caffé. Verona, 8vo, pp. 70. Second ed. Verona, 1760, 4to, pp. 99. *Bibl. Coll. Phys. Edin.; Banks.*

Collectio. Coffeam nocere calidæ temperiei hominibus.—*Haller, Bibl. Bot.*, ii, p. 409.

1752. GEORGIUS, J. C. S. *Diss. de Coffee. Præs. J. G. Gmelin. Tubingæ, 4to, pp. 16. *Bibl. Coll. Surg. Lond.*

Ut ejus potus cum cortice Peruviano conjungatur.—*Haller, Bibl. Bot.*, ii, p. 267.

1755. KALM, P. Om Caffé och de inhemska växter, som pläga brukas i des ställe. Aboæ, 4to, pp. 18.

1755. ZANICHELLI, J. J. Osservazioni intorno all' abuso della Coffea, &c. Venet. 4to.

Historiam naturalem coffeæ dat, culpat, ut olim N. Andry, quod torreatur, oleumque empyreumate corrumpatur, ei oleo frequentes convulsiones imputat.—*Haller, Bibl. Bot.*, ii, p. 288.

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1764. FABER, J. G. A. De potu Coffeæ. Rinteln, 4to.

Historia medica et botanica arboris et baccæ.—*Haller, Bibl. Bot.*, ii, p. 576.

1774. Ellis, J. An historical account of Coffee, with an engraving and botanical description of the tree. Lond. 4to, pp. 71, col. tab. i. (There is a partial Italian transl. in *Scelta di Opusc. Interess.* xvii, p. 3-30.) *Bibl. Banks.*

1781. Hofer, F. J. Abhandlung vom Kaffee. Frankfurt und Leipzig, 8vo, pp. 150. *Bibl. Banks.*

1781. Eloy, N. F. Si l'usage du Café est avantageux à la santé? &c. Montpellier, 8vo.

1782. Boehmer, G. R. Programma in essentiam Coffeæ inquirens. Wittembergæ, 4to.

1785. Moseley, B. Observations on the properties and effects of Coffee. Lond. 8vo. Second ed. 1785; third ed. 1785; fourth ed.; fifth ed. with considerable additions, Lond. 1792. French transl. by Lebreton, Paris, 8vo, 1786. *Bibl. Med.-Chir. Soc.*

1787. Buchoz, P. J. Diss. sur le Café, &c. Paris, 8vo, pp. 91.

1787. Gentil, A. A. Diss. sur le Caffé, &c. Paris, 8vo, pp. 177, tab. i. *Bibl. Banks.*

1791. Lavedan, —. *Vide* "Tabacum," 1791.

1794. Smith, Hugh. Essay on the Nerves, to which is added an Essay on Foreign Teas, Coffee, &c. Lond. 8vo.

1800. Langstedt, F. L. Thee, Kaffee, und Zucker, in historischer, chemischer, öconomischer und botanischer Hinsicht erwogen. Nürnberg, 8vo, tab. col. iii.

1803. Hahnemann, S. Der Kaffee in seinen Wirkungen, &c. Leipzig, 8vo, pp. 56. French transl. by E. G. von Brunow, Dresde, 1824, 8vo. Danish transl. by — Lund, Copenhagen, 1827.

1806. Cadet-de-Vaux, A. A. Diss. sur le Café, son historique, ses propriétés, &c., suivie de son analyse. Paris, 8vo, pp. 118.

1811. Zambelli, W. Diatribe de vi febrifuga fabæ Arabicæ sive Coffeæ loco Corticis Peruviani. Vienna, 8vo, pp. 30.

Contains a large number of facts relative to the use of a preparation of coffee in the treatment of intermittent and other forms of fever. *Vide* "Cinchona, Substitutes for," 1811.

1814. Kapp, C. Ueber die Wirkungen des Kaffees auf den menschlichen Körper. Nürnberg, 8vo.

1815. Fauchon, L. J. *Diss. sur le Café. Paris, 4to, pp. 24.

1816. Virey, J. J. Nouvelles Considérations sur l'histoire et les effets hygiéniques du Café, et sur le genre Coffea. Paris, 12mo, pp. 36.

1817. Petócz, M. Ueber die Schädlichkeit des Kaffeetrinkens. Pressburg, 8vo.

1820. Meffre, —. Quelques recherches sur les effets du Café. Montpellier, 4to.

1821. Barotti, L. Il Caffé. Verona, 24mo. *Bibl. Coll. Surg. Lond.*

1825. ABENDROTH, W. F. *De Coffea. Lipsiæ, 4to, pp. 42.

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1832. WEISS, C. C. Coffea Arabica, nach seiner zerstörenden Wirkung. Freiberg, 8vo, pp. 70.

1833. VIALLE, L. E. Le Café préservatif de la Goutte et de la Vérole. Paris, 8vo, pp. 46.

1835. WEITANWEBER, W. R. Der arabische Kaffee in naturhistorischer, diätetischer und medizinischer Hinsicht geschildert. Prag, 8vo, pp. 130.

Literatura Coffeæ, p. 9, 14.

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1838. NEUBERT, J. *Der Kaffee. Würzburg, 8vo.

1839. EMERICH, G. W. B. *De Coffeæ facultatibus et effectibus. Berlin, 8vo, pp. 25.

1839. RASIA, D. Sulla vera azione del Caffé nell uomo sano e malato. Padova, 8vo.

1843. TRAPPEN, E. J. VAN DER. *Specimen historico-medicum de Coffea. Traject. ad Rhen. 8vo, pp. 153.

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1851. FAVIER, J. *Études médicales sur le Café. Montpellier, 4to, pp. 64.

1853. MACÉ, C. *Du Café. Paris, 4to, pp. 21.

1855. GRAFSTROM, C. J. Kaffe och Chokolad, &c. Stockholm, 16mo, pp. 120.

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1858. VAN BIBRA, F. E. Der Kaffee und seine Surrogate. München, 8vo.

1859. VIDOVICH, A. Dell' aziona dell Caffé sull' uomo sano e malato. Pavia, 8vo, pp. 28.

1860. ALCOTT, W. A. Thee und Kaffee in ihren physischen, geistigen und moralischen Wirkungen auf das menschliche System. (Translated from the American by G. W.) Oppeln, 8vo.

1860. VOIT, C. Untersuchungen über den Einfluss des Kochsalzes, des Kaffees, &c., auf den Stoffwechsel. München, 8vo, pp. 253, tab. folio i.

The experiments with coffee, detailed in this work, were made on a dog and on frogs. In the dog its assimilation increased rather than diminished the excretion of urea, differing in this respect from what had previously been observed in the experiments with salt, *q. v.* In the frogs caffein first enhanced and afterwards lowered nervous excitability. The pupils and vessels were considerably dilated, and the cutaneous capillaries, laden with blood, imparted a rose colour to the surface.—*Year Book of New Sydenham Society*, 1862, p. 48.

1860. LECONTE, A. H. *Emploi du Café en thérapeutique. Strasbourg, 4to, pp. 39.

1862. OFFRET, —. Observations sur l'action physiologique du Café selon ses diverses torréfactions. Nantes, 8vo, pp. 34.

1862. LAMARE-PICQUOT, F. V. De l'action dynamique du Café et de son emploi dans les Hernies Étranglées. Corbeil, 8vo, pp. 8.

1862. CHEVALLIER, A. Du Café, son historique, son usage, son utilité, ses altérations, ses succédanés et ses falsifications, &c. Paris, 8vo, pp. 62.

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1864. LAMARE-PICQUOT, F. V. Études Expérimentales...contenant des observations sur l'action dynamique du Café, &c. Paris, 8vo, pp. 75.

1864. PENILLEAU, A. *Étude sur le Café au point de vue historique, physiologique, hygiénique et alimentaire. Paris, 8vo, pp. 90.

1864. MARCHAND, L. Recherches organographiques et organogéniques sur le Coffea Arabica. Paris, 8vo, pp. 48, pl. 4.

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1864. DEBAY, A. Les influences du Chocolat, du Thé et du Café sur l'économie humaine; leur analyse chimique, &c. Paris, 8vo, pp. 276.

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1868. MÉPLAIN, F. Du Café, étude de thérapeutique physiologique. Paris, 8vo, pp. 102. *Bibl. Med.-Chir. Soc.*

1870. EUSTRATIADES, D. S. *Étude expérimentale sur les propriétés physiologiques de la Caféine et du Café. Paris, 4to.

1870. SABARTHEZ, H. *Étude physiologique du Café. Paris, 4to.

1874. WANKLYN, J. A. Analysis of Coffee. *Vide* "Thea" (Tea), 1874.

1875. RIANT, —. Le Café, le Chocolat, le Thé. Paris, 32mo, pp. 160, figs. 30.

COLCHICUM AUTUMNALE, Linn.

Colchicum. Meadow Saffron.

1718. WEDEL, G. W. Experimentum curiosum de Colchico veneno et alexipharmaco simplici et composito. Jenæ, 4to, pp. 20. *Bibl. Linn. Soc.; Banks.*

Pro venenata vi citat ex D. Ludovici occisos ex radice pueros. De vi amuleti adversus pestem, febresque malignas, ex proprio experimento.—*Haller, Bibl. Bot.*, i, p. 560.

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Nulle vero experimento tanta promissa nituntur.—*Haller, Bibl. Bot.* ii, p. 160.

1763. Störck, A. Libellus quo demonstratur Colchici Autumnalis radicem non solum tuto posse exhiberi hominibus, sed et ejus usu interno curari quandoque morbos difficillimos qui aliis remediis non cedunt. Vindob. 8vo, pp. 96, tab. i. English transl. Lond. 1764, 8vo. German transl. Tiguri, 1764, 8vo. French transl. Paris, 1784, 8vo. *Bibl. Med.-Chir. Soc.*

Radicem colchici scillæ adfinem esse, acrem, cujus unicum granum urinam dolentem et stranguriam faciat. In aceto maceratam, addito melle, mitescere, tunc urinam potenter movere, hydropem, etiam graviorem, asthma, tussim phthisicam sanare.—*Haller, Bibl. Bot.*, ii, p. 492.

1764. Kratochvill, K., or Cratochwill, C. De Radice Colchici Autumnalis. Francof. ad Viad. 8vo, pp. 50. *Bibl. Roy.*

Opposed to the claims of colchicum in any character apparently, denies its alleged efficacy in dropsy. See short abstract in *Haller, Bibl. Bot.*, ii, p. 547.

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A collection. The first article is a translation of Störck's work (*antè.*)

1765. Collin, H. J. Observationes circa morbos acutos et chronicos ...Colchici vires, &c. Vienna, 8vo, part ii. *Bibl. Med.-Chir. Soc.*

1772. Ehrmann, J. C. De Colchico Autumnali. (In *Baldinger Syllogæ*, p. 61). Basileæ, 4to, pp. 21. *Bibl. Banks; Med.-Chir. Soc.* (Baldinger).

1777. Spalowsky, J. *De Cicuta...Colchico, &c. Vindobonæ, 8vo. *Vide* "Conium." *Bibl. Med.-Chir. Soc.*

As a powerful diuretic it is advised in dropsical and asthmatic affections, contagious fevers, &c.

1805. Melandri, G., et Moretti, —. Analisi chimica delle radici di Cariofilata, e Colchico Autumnale, con alcune richerche sull' Uva Orsina. Pavia, 4to.

1818. Kerr, G. Medical Sketches: 1. On the use of Hellebore. 2. Of Colchicum Autumnale and its use in medicine, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

1818. Wolff, E. *De Colchici Autumnalis usu medico. Berol. 8vo, pp. 48.

1820. Haden, C. T. Practical observations on the Colchicum Autumnale as a general remedy of great power in the treatment of Inflammatory Diseases, both acute and chronic, and therefore a substitute for bleeding in disorders which are connected with increased action of the heart and arteries. London, 8vo, pp. 84. *Bibl. Manchester Med. Soc.*

As a collection of facts there is much that is valuable in this work, but there are incongruities in the application of the proofs to the proposition, and the general arrangement is unconformable to any law with which we are acquainted except the laws of writing in the order of a day-book, from which the work appears to be a transcript. In his title-page the author has promised too much, particularly as to colchicum being a substitute for

bleeding in inflammatory affections, a proposition contradicted by some of his own facts.—*Med.-Chir. Rev.*, June 21, 1821, p. 164.

1825. RENNIE, A. On Gout; with Practical Remarks on the injurious effects of Colchicum, &c. London, 8vo, pp. 179. *Bibl. Coll. Phys. Edin.*

1825. SCUDAMORE, C. Observations on the use of Colchicum Autumnale in the treatment of Gout, and on the proper means of preventing the recurrence of that disorder. London, 8vo, pp. 116. Further observations on the use and abuse of Colchicum appended to this author's work on Gout. London, 1835, 8vo.

The object of this work is to present a clear outline of the author's views based on extensive experience, on the use of colchicum and on the theory and treatment of gout...The facts are valuable, the doctrine sound, the practice excellent, and the directions judicious; but the style is loose, feeble and incorrect, injured by want of arrangement; and disgraced by frequent repetitions.—*Med.-Chir. Rev.*, January, 1826, p. 44—52.

1826. CREUTZ, L. A. C. *De Colchico Autumnali. Berol. 8vo, pp. 40. *Bibl. Coll. Surg. Lond.*

1826. NOELL, P. *Ueber die Wirksamkeit des Colchicum Autumnale. Würzburg, 8vo, pp. 46, t. ii.

1827. KUHN, J. *Sur les propriétés médicales des Colchicacées. Strasbourg, 4to. For a continuation of this author's observations on Colchicum see *Revue Médicale Française et Étrangère*, July and August, 1830.

1830. SIGMUND, B. *De Colchici Autumnalis efficacia et usu medico. Basil. 4to. pp. 48.

1831. BUCCHERONI, M. On the combination of Quinine with Colchicum in Gout. *Vide* "Quinine," 1831.

1835. FRISCH, J. De Colchicacearum virtute medica. Pragæ, 8vo, pp. 39.

1835. HAUSER, J. K. De Colchico Antumnali. Turici, 8vo, pp. 13.

1835. CAFFE, —. Observations sur l'empoisonnement par la teinture des bulbes de Colchique. Paris, 8vo.

1836. SCHROEDER, C. H. A. De seminum Colchici Autumnalis virtute et chemica et dynamica. Kiliæ, 4to, pp. 15.

1841. LEWINS, R. On the physiological and therapeutical effects of Colchicum Autumnale. Ex. in *Edinburgh Med. Surg. Journal*, July, 1841, p. 185—213.

This is an abridgment of an essay to which the Harveian prize was awarded in 1841. It contains some interesting experiments with colchicum on man and the lower animals, interspersed with judicious remarks on its use as a therapeutic agent. It is worthy of the attention of the student of the properties of colchicum.

1843. GOEBEL, G. O. De Colchico Autumnali. Lipsiæ, 4to, pp. 27.

1845. FIÉVÉE (DE JEUMONT). Mémoires de Médecine pratique, &c. Part iv. De la Goutte et de son traitement par les préparations de Colchique. Paris, 8vo.

1850. BELL, J. The Colchicum Remedy for Epidemic Cholera, with directions for use, &c. Newcastle-upon-Tyne, 8vo, pp. 27.

The author is a druggist, who, on the assumption that the doctors themselves admit that they do not know much of the treatment of cholera, here comes forward to express his enthusiastic belief in the virtues of colchicum. That part of his case may be admitted as proved in which he asserts that colchicum is not *more objectionable* than many other drugs commonly recommended as remedies for cholera.—*London Med. Gazette*, Jan. 17th, 1851, p. 110.

1852. MACLAGAN, J. McGREGOR. On the natural history, physiological actions, and therapeutic uses of Colchicum Autumnale, chiefly with reference to the growth of the plant and the chemical changes it produces. Edin, 8vo, pp. 56. *Bibl. Med.-Chir. Soc.*

A most useful contribution to therapeutics.—*Dublin Quart. Journ. Med. Sci.*, May, 1852, p. v.

1855. MÜLLER, J. Beleuchtung der Dr. Casper'schen Abhandlung über Vergiftung durch Colchicum, Reagens auf Colchicin, vom medizinisch-chem. und gerichtlich-medizin. Standpunkte. Berlin, 8vo, pp. 35.

1857. OBERLIN, L. *Essai sur le Colchique d'Automne. Strasbourg, 4to, pp. 55.

1858. UNSIN, J. A. *Die Herbstzeitlose (Colchicum) in ihrer pathologisch-anatomischen Wirkung. München, 8vo, pp. 28.

1860. AULANGIER, F. M. A. Des remèdes contre la Goutte, &c., et coup d'œil sur le Colchique et ses préparations comme auxiliaires du traitement. Deuxième éd. Paris, 12mo, pp. 172.

1860. COUTURIER, —. Traitement de la Goutte et du Rhumatisme par le saccharure des fleurs de Colchique. Deuxième éd. Paris, 8vo, pp. 16.

1868. PERRIER, O. *Du Colchique et de son emploi thérapeutique. Paris, 4to.

Eau Médicinale D'Husson.

1810. JONES, E. J. An account of the remarkable effects of Eau Médicinale d'Husson in Gout. London, 8vo, pp. 96. *Bibl. Manchester Med. Soc.*

Review in *Edinburgh Med. Surg. Journal*, July, 1810, p. 353-5. It is there mentioned that the remedy was introduced by M. Husson, its inventor, about forty years previously, as a sovereign remedy for almost every disease to which mankind was liable; and that having been found to have really great power over a paroxysm of gout it had then (1810) acquired on the Continent a high reputation in that disease. Dr. Jones's pamphlet, which contains his own experience with this remedy, is published with the view of bringing it to the notice of the profession in England. Dr. Jones was, however, accused by his contemporaries of having a pecuniary interest in the sale of this nostrum.

1811. MOORE, J. A Letter to Dr. Jones on the composition of the Eau Médicinale d'Husson. London, 8vo, pp. 46. *Bibl. Manchester Med. Soc.*

Mr. Moore arrives at the conclusion that this nostrum is composed of a

vinous infusion of white hellebore and Sydenham's laudanum. See *Edin. Med. Surg. Journal*, vii, 1811, p. 449.

The identity of the basis of 'eau médicinale' and colchicum was first asserted by Mr. Want in 1815. (*Med. and Phys. Journ.*, vol. xxxii.)

1814. Ring, J. A treatise on Gout, &c., with observations on the Eau Médicinale. London, 8vo. *Bibl. Manchester Med. Soc.*

COLLODIUM. COLLODION.

1853. Korn, O. Diss. de Collodio. Regiomonti, 8vo, pp. 31.

1854. Kissling, C. F. Collodium (Klebäther). Das heilkräftigste, unentbehrlichste und bequemste aller Hausmittel gegen äussere Entzündungen, Rosen, Wunden, Blutungen, Geschwüre, Verbrennungen, Frostbeulen, &c. Tübingen, 16mo, pp. 32.

1854. Rouget, J. F. A. Du Collodion dans le traitement de l'Erysipèle. Strasbourg, 4to, pp. 42.

1854. Bonnafont, J. P. Mémoire sur le traitement des Orchites en général par le Collodion. Paris, 8vo, pp. 15.

1858. Blanchère, H. de la. Du Collodion sec. Manière d'opérer, dosages, accidents et considérations sommaires sur différentes méthodes. Paris, 8vo, pp. 15.

1858. Szablewski, S. Quædam de Collodii virtutibus disquisitiones. Dorpati Liv. 8vo, pp. 27.

1863. Ricordi, A. Del Collodio considerato come il miglior mezzo terapeutico nella cura dell' Orchite Blenorragica. Milan, 8vo.

1864. Ricordi, A. Dell' assorbimento di alcuni prodotti flogistici per mezzo della medicazione Collodica. Milan, 8vo.

1864. Ricordi, A. Del Collodio. Nota clinica. Milan, 8vo, pp. 16.

1867. Grynfeltt, J. Traitement du Céphalotome; effets remarquables du Collodion. Montpellier, 8vo, pp. 78.

1868. Petit, M. J. *Essai sur l'histoire du Collodion et son emploi en chirurgie. Paris, 4to.

1869. Drouet, A. Du Collodion Ricíné appliqué en badigeon sur toute la surface du ventre, considéré comme agent de calorification générale et comme moyen héroique de traitement dans la cholérine, le choléra, l'hystérie, la fièvre typhoïde, &c. Paris, 8vo, pp. 56.

1869. Bertrand, P. A. *Étude sur les fractures compliquées et leur traitement par l'occlusion collodionnée. Paris, 4to.

1872. Tartenson, A. *De l'emploi du Collodion dans le traitement de certaines Maladies Inflammatoires des Yeux. Paris, 4to.

COLOCYNTHIS. COLOCYNTH.

1611. Vallerius, H. De Colocynthidis præparatione et trochiscis Alhandal eorumque usu. Cæsar Augustæ, 8vo.

1651. KIRSTENIUS, G. Exercitatio philologica de Colocynthide et Cocco. Stettin, 4to.

1676. THOMASSEAU, J. An demorsis a cane rabido Colocynthidis? Negat. Paris, 4to.

1734. SCHULZE, J. H. *De Colocynthide. Resp. J. F. Schulze. Halæ, 4to. *Bibl. Banks; Linn. Soc.*

Excusat funestos eventus, cum præterea plurimis medicamentis pro basi sit.—*Haller, Bibl. Bot.*, ii, p. 143.

1790. TODE, J. C., et KOFOED, J. Diss. Drasticorum in genere atque Colocynthidis in specie vindicias sistens. Hafniæ, 8vo.

1817. LEBRECHT, L. Examen chemicum pomorum Colocynthidum. Heidelbergæ, 8vo, pp. 30.

1822. HILLER, J. C. T. De Colocynthide ejusque præsertim in Hydrope usu. Præs. C. G. Esenbach. Lipsiæ, 8vo, pp. 32. *Bibl. Coll. Surg. Lond.*

1840. MOLKENBOER, J. H. *De Colocynthide. Lugd. Bat. 4to.

1840. HECHENBERGER, J. G. Colocynthologie, oder Beobachtn. über die vortreffl., viel zu wenig beachteten Heilkräfte der Colocynthis, nebst prakt. Ansichten über Psychiatrik. Inspruck, 8vo.

CONIUM MACULATUM, Linn.

Hemlock.

1734. DRESIGIUS, S. F. *Diss. de Cicuta Atheniensium, pœna publica. Resp. A. D. Stegerus. Lipsiæ, 4to, pp. 38. *Bibl. Banks.*

1760-1. STÖRCK, A. Libellus quo demonstratur Cicutam non solum usu interno tutissime exhiberi, sed et esse simul remedium valde utile in multis morbis. Vindobonæ, part ii, 8vo, pp. 348, 1 tab. German transl. Francof. 1760, 8vo, et Wien, 1761, 8vo. Belgian, by L. Bikker, Rotterdam, 1760, 8vo. French, Paris, 1762, 1763. English, London, 1760, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*

Succo spissato seu extracto usus est. Experimento a canibus ad homines traducto adparuit, noxa carere, scirrhos glandularum etiam mammarum cancros et nodos podagricos interno hujus succi usu sublatos fuisse. Succus radicis venerum habet.—*Haller, Bibl. Bot.*, ii, p. 491.

Baron Störck doubtless did good service in introducing into practice many valuable drugs, as aconite, colchicum, &c., but "although considered a great physician, he cannot be regarded as a correct reporter of his own cases, for his contemporary Haen (1765) says that of thirty-six cases of cancer reported by Störck to have been cured by hemlock it was found on inquiry that thirty of them had died, and that the remaining six still laboured under the disease"! (*Dr. Maclagan.*)

1761. QUARIN, J. G. VON. Tentamina de Cicuta. Vindob. 8vo, pp. 40. *Bibl. Med.-Chir. Soc.; Banks.*

Cicutam cum loco natali vires suas mutare. Analysin dat. Vires medicas ex suo experimento confirmat in scirrhis, etiam ulceratis, scrophulis, phthisi, arthritide, tinea, fistulis, &c.—*Haller, Bibl. Bot.*, ii, p. 508.

1761. STÖRCK, A. Libellus secundus quo confirmatur, Cicutam usu interno tutissime adhiberi, &c. Vindob. 8vo. English transl. London, 1762, 8vo. *Bibl. Med.-Chir. Soc.*

Eodem spissato succo usus est ad 120 in diem grana; ex planta vero juniori succus sumitur, &c. Scirrhos, ulcera, cariem, tineam, spinam ventosam, lepram, fluorem album, fungum articularem, alia mala hoc uno medicamento superavit.—*Haller, op. cit.*, p. 492.

1761. STÖRCK, A. Supplementum necessarium de Cicuta. Vindob. 8vo. English transl. London, 1762, 8vo. German transl. by L. J. Heyde, Vindob. 1762, 8vo. French transl. Paris, 1762, two vols. 12mo. *Bibl. Med.-Chir. Soc.*

Conqueritur de adversario: vitia præparationis medicamenti sui accusat. Iterum experimenta repetit in quibus cicuta profecit, negat nocuisse; iconem dat et characterem.—*Haller, op. cit.*, p. 493.

1761. ANDREE, J. Observations upon a treatise on the virtues of Hemlock in the cure of Cancers by Dr. Störck, &c. Lond. 8vo. *Bibl. Med.-Chir. Soc.*

The author's experience is adverse to the claims set up for hemlock in the treatment of cancer by Störck, Quarin, &c.

1762. LEBER, F. Abhandlung von der Nutzbarkeit des Schierlings in der Wundarzneikunst. Wien, 8vo, pp. 79. *Bibl. Roy.*

1762. TARTREAUX, G. Epistola de Cicutæ usu. loc. ? 12mo. *Bibl. Acad. Edin.*

1763. EHRHART, P. J. De Cicuta. Argentorati, 4to. pp. 72, tab. 1. *Bibl. Banks; Lin. Soc.*

Succus expressus habet fœtorem Cicutæ; in eo crystalli in igne crepitantes nascuntur. Vires medicæ laudantur in scirrho, dolore colico, paralysi, cancro, etiam mammæ et uteri, aliisque malis.—*Haller, op. cit.*, p. 536.

1763. ORTEGA, C. GOMEZ DE, —. De Cicuta commentarius. Madrid, 4to, pp. 45, tab. 1. Spanish transl. Madrid, 1763, 4to, pp. 52. *Bibl. Banks.* (both).

1763. JUSTAMOND. J. O. Observations on the external and internal use of Hemlock. Translation from a treatise by F. Hoffmann. London, 8vo. *Bibl. Med.-Chir. Soc.*

1763. SALOMON, J. De Cicutæ agendi modo in corpus humanum ejusque inde deducta virtute medica. Halæ, 4to.

Valde resolvere et roborare, paralysin aliaque mala tollere.—*Haller, op. cit.*, p. 705.

1763. HUDEMANN, G. F. *Diss. exhibens observationes quasdam ad Cicutæ usum internum pertinentes. Helmstadii, 4to.

1763. REISMAN, J. G. H. *De Cicuta, et an fit Cancri remedium. Duisburg, 4to.

1763. MONNIER, L. G. *Ergo Cancer ulcerata Cicutam eludit. Paris, 4to.

1764. GATAKER, T. Essays on Medical Subjects, with an introduction on Hemlock, &c., in Cancerous disorders. London, 8vo. *Bibl. Med.-Chir. Soc.*

1764. ROUPPE, L. De Morbis Navigantium; acced. de effectu extracti Cicutæ Stoerkiano in Cancro. Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.*

1764. QUER Y MARTINEZ, J. Diss. physico-botanica sobra el uso de la Cicuta. 4to, pp. 43, tab. 2. *Bibl. Banks.*

1764. HUBER, J. J. Programma de Cicuta. Cassellis, 4to, pp. 47. *Bibl. Banks.*

1764. LANGE, J. H. *Dubia Cicutæ vexata. Helmstadii, 4to.

Nullum se, etiam a diuturno usu extracti, cicutæ, emolumentum percepisse: nocuisse viribus sublatis, fracto appetitu. Urinam tamen movere, in ejus ardore et fluore albo aliquantum profuisse.—*Haller, op. cit.*, p. 548.

1765. HIRSCHEL, L. E. On Hemlock in Syphilis. *Vide* "Hydrargyri Corrosovivum Sublimatum," 1765.

1765. HAEN, ANT. DE. Epistola de Cicutâ. Amst. 8vo, pp. 28. *Bibl. Med.-Chir. Soc.*

Se et ipsum vim cicutæ expertum esse, et amicos in Silesia; inutilem visam: non vere sanatos qui sanati dicebantur; scirrhos fuisse, quos juniores medici pro cancris habuerint.—*Haller, Bibl. Bot.*, ii, p. 477.

1765-80. COLLIN, H. J. Observationes circa morbos acutos et chronicos (Conium, &c.). Vienna, 8vo. *Bibl. Med.-Chir. Soc.*

1766. THIESEN, G. Warnung vor den Schierlingswurzelen. Königsberg, 4to, pp. 12.

1766. RIPAMONTI, D. M. Saggio degli effetti della Cicuta. Milan, 4to.

Contains cases illustrative of the curative powers of hemlock in cancer.

1766. CRAPF, C. Alethophilorum quorundam Viennensium elucidatio necessaria epistolæ de Cicuta quam A. de Haenius scripsit ad Tralles. Amst. 8vo. *Bibl. Med.-Chir. Soc.*

De lite Viennæ orta, cum Cl. Stoerk cicutæ vires salutares tribueret, negaret Haenius. Hic successus cicutæ in cancro mammæ exulcerato adfirmatur, quem ipse Haenius viderit, &c.—*Haller, op. cit.*, p. 563.

1767. BURROWS, J. Essay on Cancers, with method of administering Hemlock. London, 8vo. *Bibl. Med.-Chir. Soc.*

1767. TARTREAUX, G. Epistola Apologetica viri celebris B. L. Tralles adversus A. de Haen in causa de Cicutæ usu. Viennæ, 8vo. *Bibl. Acad. Edin.* (1762?)

Non semper utique cicutam spei respondere, sanasse tamen apertum in collo cancrum, ulcus pulmonum, ulcera maligna, &c.—*Haller, op. cit.*, p. 574.

1767. VAN DER HAAR, J. Verhandeling over de natur der klier knoest en kanker gezwellen, warin H. Stoerks Verhandeling van de Cicuta ter toetze gebragt word. Amsterdam, 8vo.

Written in opposition to Störck's alleged cures and to the claims put forth by him and others in favour of hemlock. See short abstract in *Haller, Bibl. Bot.*, ii, p. 584.

1768. KALTSCHMIED, CARL E. F. Programma de Cicuta. Jenæ, 4to, pp. 12. *Bibl. Banks.*

Exempla frustra adhibitæ.—*Haller, op cit.*, p. 587.

1769. STÖRCK, A. Libellus de Cicuta, ejus usu interno, &c. Vienna, 8vo. *Bibl. Med.-Chir. Soc.*

1771? HILL, Sir JOHN. Directions for those affected with Cancers, with an account of the Vienna Hemlock. London, 8vo. *Bibl. Med.-Chir. Soc.*

1771. VIVENTIUS, or VIVENZI, J. De Cicuta commentarium, &c. Neapoli, 8vo. *Bibl. Med.-Chir. Soc.*

Antiquitates virium cicutæ medicatarum. Petrum Hispanum primum internum usum commendasse. Experimenta Nolæ facta feliciter ceciderunt, etiam Serao teste; in pulmonum ulceribus, duritie viscerum, mensibus deficientibus, strumis etiam exulceratis.—*Haller, op. cit.*, p. 583.

1771. KURCHBERGER, L. Historia morbi chronici, et Historia Cicutæ. 12mo. *Bibl. Med. Soc. Lond.*

1772. HARTMANN, P. I. *Diss. qua insignem Cicutæ Stoerkianæ efficacitatem medicam singulari quadam observatione comprobat. Resp. J. G. Willisch. Traject. ad Viad. 4to, pp. 40. *Bibl. Roy.*

1773. BUTTER, W. A treatise on the Kinkcough, with an appendix containing an account of Hemlock and its preparations. London, 8vo. *Bibl. Med.-Chir. Soc.*

Contains the details of twenty cases of hooping-cough successfully treated with hemlock, which the author regards as a certain antispasmodic, and perfectly safe both in the last months of pregnancy and the first months of infancy. He generally employed the powder of the dried plant gathered about the time the flowers begin to open, or an extract of the fresh plant. He also used hemlock externally in poultice, ointment, &c. See, further, *Duncan's Med. Commentaries*, iv, 1776, p. 387.

1776. COLLIN, H. J. De Cicutæ efficacia, &c. Vindobonæ, 8vo.

Contains the histories of forty-one cases (glandular swellings, ulcers, &c.) in which this remedy appears to have acted more or less beneficially; they tend to support the statements previously made by Störck as to its efficacy, but which the experience of others had failed to confirm. Abstract of the chief cases, see *Duncan's Med. Commentaries*, iv, 1776, p. 291.

1777. SPALOWSKY, J. *De Cicuta, Flammula Jovis, Aconito, Pulsatilla, Gratiola, Dictamno, Stramonio, Hyoscyamo et Colchico. Vindobonæ, 8vo, pp. 42, tab. 9. *Bibl. Med.-Chir. Soc.*

A good dissertation, in which the author has brought within the compass of forty-two pages a fair account of the nine articles named in the title. Of each he furnishes a plate, with its synonyms, botanical description, physiological effects, medicinal uses, and modes of administration. Some of the articles are necessarily short, but what is said is clear and to the purpose, without being overladen with quotations.

1779. ZIMMERMAN, J. J. Observationes quædam practicæ, imprimis circa virtutem Mercurii, Extracti Cicutæ et Pulsatillæ. Argentorati, 4to. *Bibl. Roy.*

1782. GRUELMANN, J. C. Observationes de usu Cicutæ, Camphoræ et Corticis Peruviani in quibusdam morbis. Gottingæ, 4to. *Bibl. Roy.*

1784. MANN, L'ABBÉ. Hemlock in Gout. *Vide* "Aconitum," 1784.

1786. FABREGAT, C. Sobre la virtud portentosa del Extracto de la Cicuta. Valencia, 4to.

1791. SCHINDLER, M. Observationes circa usum Conii maculati et Mali Citrei in Scorbuto aliisque morbis. Ulmæ, 4to, pp. 20. *Bibl. Acad. Edin.*

1795. DAVIDSON, W. Observations on the Pulmonary System, with appendix containing observations on...Cicuta, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*

The remarks on hemlock are unimportant.

1818. SCHUCHARD, R. F. *Diss. sistens nonnulla de Cicuta officinarum. Göttingen, 4to, pp. 38. *Bibl. Roy.*

1821. CHEVALLIER, F. F. *Sur les Ciguës indigènes considérées comme poisons et comme médicamens. Paris, 4to, pp. 36.

1834. MISCHKOVICSEW, M. N. *De Conio maculato. Budæ, 8vo, pp. 54.

1834. SCUDAMORE, Sir CHARLES. Cases illustrating the remedial power of the inhalation of Iodine and Conium in Tubercular Phthisis. London, 8vo. *Vide* "Iodine," 1834.

1835. BAYLE, A. L. J. Sur la Ciguë. In *Bibliothèque de Thérapeutique*, vol. iii, p. 558—636.

Contains a good summary of the observations of previous writers. The tabulated *résumé* at the end is particularly interesting.

1836. CHRISTISON, —. *Vide* "Conia," 1836.

1844. BOEHM, —. *Vide* "Conia," 1844.

1855. MILCENT, A. De la Ciguë; de ses principales indications et de la différence de ses effets, suivant les maladies contre lesquelles on l'emploie, &c. Paris, 8vo, pp. 48. Alt. ed. 1857.

1858. DEVAY et GUILLIERMOND, MM. Nouvelles recherches sur le degré d'énergie des diverses préparations de Ciguë. Lyon, 8vo, pp. 8.

1867. SMITH, W. M. An attempt to answer the question, Which part of the plant Conium maculatum is the best for medicinal use? Albany, U.S., 8vo. *Bibl. Med.-Chir. Soc.*

The conclusion arrived at by the author after numerous trials is that the immature fruit possesses the greatest amount of activity, a fact confirmed by the observations of Dr. Harley.

1868. ROUSSEL, E. *De la Grande Ciguë et de quelques-unes de ses préparations. Paris, 4to.

1869. HARLEY, J. The old Vegetable Neurotics, Hemlock, Opium, Belladonna, and Henbane, their physiological action and therapeutical use, alone and in combination. London, 8vo, pp. 355.

Dr. Harley's observations on conium and its alkaloid conia present much that is novel and interesting, and are well worth careful study. That conium and opium intensify each other's action is a point of great practical importance, as by their combination large doses of opium may be avoided, at the same time that the excitant action of that drug may be neutralised. Other experiments show that hemlock and henbane prolong, and to some extent modify, each other's action. For further observations on conium by Dr. Harley, see *Practitioner*, December, 1870.

1870. HUBERT-VALLEROUX, L. De la Ciguë, et de son action physiologique et thérapeutique. Recherches récentes. Revue critique. Paris, 8vo, pp. 20.

1871. MARTIN-DAMOURETTE, —, et PELVET, —, MM. Étude de physiologie expérimentale et thérapeutique sur la Ciguë et son Alcaloïde. Paris, 8vo, pp. 160.

1873. KITCHIN, D. H. Conium in the treatment of Insanity. Loc ?

1874. DESPAGNE, M. *Vide* "Cicuta Aquatica," 1874.

1875. IMBERT-GOURBEYRE, —. De la mort de Socrate par la Ciguë, ou recherches botaniques, philologiques, historiques, physiologiques et thérapeutiques sur cette plante. Paris, 8vo, pp. 160.

CONIA, CONEINE.

The Active Principle of Conium maculatum.

1836. CHRISTISON, R. On the poisonous properties of Hemlock (Conium maculatum) and its alkaloid Conia. (From vol. xiii of *Trans. Royal Soc. of Edinburgh.*) Edin. 4to. pp. 35.

This principle, conia or coneine, was discovered by Geiger in 1831, and was made the subject of careful examination by Professor Christison with the view of ascertaining its physiological effects and its toxic action. The details are given in the above valuable memoir. He shows it to be a most energetic poison, possessing the same remarkable action on the spinal cord as hemlock itself.

1838. POEHLMANN, A. C. A. *Physiologisch-toxicologische Untersuchungen über das Coniin. Erlangen, 8vo, pp. 40.

1844. BOEHM, E. J. *De Conio maculato ejusque præparatis, imprimis de Coniino. Vratislaviæ, 8vo, pp. 28.

1844. ROSSI, L. H. J. *De effectu Coniini in organismum animalem. Marburgi, 8vo, pp. 49.

1849. WERTHEIM, G. Das Coniin und Leucolein im Wechselfieber und Typhus. Wien, 8vo.

1851. ORFILA, P. Mémoire sur la Nicotine et la Conicine. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1852. DEVAY, F., et GUILLIERMOND, A. Recherches nouvelles sur le principe actif de la Ciguë (Conicine), et de son mode d'application aux Maladies Cancéreuses et aux Engorgements de la Matrice et du Sein. Lyon, 8vo. Deuxième éd. revue et augmentée, 1853, 8vo, pp. 184.

1857. WERTHEIM, G. Über ein neues Alkaloid in Conium maculatum. Wien, 8vo, pp. 11.

1868. CASAUBON, A. L. E. *Étude physiologique de la Conicine. Paris, 4to.

1869. HARLEY, J. *Vide* "Conium," 1869.

1869. PELISSARD, L. *Contributions à l'étude des effets physiologiques de la Conine, de l'Éthyl-conine, et de l'Iodure de Di-éthyl-conium et de quelques autres poisons sur la fonction motrice des nerfs. Paris, 4to.

1872. BURMAN, J. WILKIE. On Conia and its use in Subcutaneous Injection. (Reprint from *West Riding Lunatic Asylum Reports*, vol. ii, pp. 40.)

Review *Brit. and For. Med.-Chir. Rev.*, April, 1873, p. 44-45; *Dublin Journ. Med. Sci.*, February, 1873, p. 154.

Vide also "Conium."

CONTRAJERVÆ RADIX.

Contrayerva Root.

1712. WEDEL, G. W. *Diss. medica de Contrayerva. Respond. J. P. Doellinus. Jenæ, 4to, pp. 40.. *Bibl. Banks; Linn. Soc.*

Non bona descriptio. Reliqua collectitia.—*Haller, Bibl. Bot.*, i. p. 559.

1731. HOUSTON, W. An account of Contrayerva. (Ex. in *Philosph. Trans.*, xxxvii, p. 195—198.) *Bibl. Banks.*

1744. JUSSIEU, J. DE. Description d'une plante de Mexique à la racine de laquelle les Espagnols ont donné le nom de Contrayerva. (Ex. in *Mém. de l'Acad. des Sci. de Paris*, 1744 p. 377—383, fig. i.) *Bibl. Banks.*

1765. BOTTERI, S. Diss. de Contrayerva. Taurini, 4to.

1767. TROSCHEL, H. N. T. Experimenta, rationes et auctoritates, de dosi et viribus radicis Contrayerva. Varsoviæ, 8vo.

CONVALLARIA MAJALIS, Linn.

Lily of the Valley.

1718. DOEDERLINUS, J. G. Z. *Diss. medica de Lilio Convallium. Præs. J. J. Baier. Altdorfii, 4to, pp. 18. *Bibl. Banks; Acad. Edin.*

1736. SIEGESBECK, J. G. De Majanthemo, Lilium Convallium officinis vulgo nuncupato. Petropoli, 4to, pp. 15.

1737. SENCKENBERG, J. C. *Diss. medica de Lilii Convallium ejusque imprimis baccæ viribus. Gottingæ, 4to, pp. 40. *Bibl. Radcliffe; Banks.*

Varietates plantulæ. Tum vires medicæ, amaror eximius, vis sternutationem movens; analysis, vis baccarum in variis morbis, etiam ad epileptiam, febresque intermittentes.—*Haller, Bibl. Bot.*, ii, p. 297.

1742. SCHULZE, J. H. *De Lilio Convallium. Respond. G. C. Mossdorf. Halæ, 4to, pp. 28. *Bibl. Banks.*

Totam plantam amarum esse, et sternutationem movere. Herba alvum ducit. Odoratum elementum optime a spiritu vini suscipitur, cujus multa est virtus.—*Haller*, ii, p. 144.

CONVOLVULUS, Species of.

1674. FRANKE, G. (*latine* Francus de Frankenau). *Diss. de Soldanella (Convolvulus Soldanella, *L.*). Resp. J. H. Soldan. Heidelbergæ, 4to.

1858. HAGENTORN, W. *Disquisitiones pharmacologicæ de quarundam Convolvulacearum resinis institutæ. Dorpati, 8vo, pp. 41.

1875. Rössig, G. Convolvulaceæ in medicinisch-pharmaceutischer Beziehung. Versuch einer pharmakognost. Monographie der Convolvulaceæ. Leipzig, 8vo, pp. 83.

COPAIBA.

Balsam of Copaiba or Copaiva.

1710. Nebel, D. *De Balsamo Copayba. Resp. F. W. Hoppe. (Redit. in *Valentini's Hist. Simplicium*, p. 617-24.) Heidelbergæ, 4to. *Bibl. Banks.*

1819. Rossignol, —. *Recherches sur l'emploi du Baume de Copahu dans le traitement des maladies. Montpellier, 4to.

1823. Armstrong, J. On the efficacy of Copaiba in Inflammation of Mucous Membranes, &c. Hartford, U.S. 8vo.

1827. Thorn, J. On the treatment of Gonorrhœa by a new preparation from the Balsam of Copaiba. London, 12mo, pp. 57. *Bibl. Med.-Chir. Soc.*

The new preparation here proposed is an "extract," or the resinous residue left after the extraction of the essential oil by distillation. Dose, gr. x thrice daily. The author details cases of his own and five others in the practice of Mr. Tyrrell illustrative of the efficacy of this preparation.—*London Med. Phys. Journ.*, lvii, 1827, p. 552.

1828. Bayle, A. L. J. Sur le Baume de Copahu. (Ex. in *Bibl. de Thérapeutique*, vol. i, p. 341-406.)

An excellent *résumé* of all that was written on the subject up to date, containing full notices of the memoirs of Murray, Ansiaux, Ribes, Delpech, Velpeau, Laroche, &c.

1830. Guisard, E. *Essai sur quelques préparations de Copaiba, &c. Paris, 4to.

1832. Mareillaux-Crespiat, R. E. *Considérations sur le Copahu et le Cubèbe. Paris, 4to.

1861. Cooke, T. W. On the successful treatment of Gonorrhœa and Gleet without Copaiba. London, 8vo, pp. 32.

This small work furnishes some curious statistical data with reference to copaiba. The author found that not less than 118,396 lbs. of this article were imported into the port of London during the first ten months of 1859, and he calculates that this quantity would serve for nearly half a million of persons, supposing that they were to take it during three weeks each at the rate of half a drachm per diem! He thinks that "these commercial statistics reveal strange facts in connection with our moral and social relations." He proposes to replace copaiba in gonorrhœa by alkalies internally, and injections of weak solution of chloride of zinc.—*Medical Times and Gaz.*, Jan. 12, 1861, p. 45.

1866. Trideau, H. Nouveau traitement de l'Angine Couenneuse, du Croup et des autres localisations de la Diphthérie par le Baume de Copahu et le poivre Cubèbe. Paris, 8vo, pp. 32.

The author speaks with the most perfect confidence of the results of the treatment of diphtheria by the above agents, stating that after an experience of many years and the treatment of more than 300 cases he has been almost invariably successful, at least when he had to contend with the malady in its first or second stage. He, however, qualifies his statements

by insisting on the necessity of distinguishing between simple croup (*le croup d'emblée*) and croup the consequence of pseudo-membranous angina, the latter so often baffling any remedial means. He gives twenty-six cases illustrative of the treatment, and he cites in favour of it the testimony of Dr. Garveau. See further, including the special mode of administration here advocated, *Brit. and For. Med.-Chir. Rev.*, p. 417-419.

1871. PURDON, H. S. On the treatment of Psoriasis by Balsam of Copaiba. (Ex *Journal of Cutaneous Medicine.*)
Belfast (pamphlet).

"The treatment of psoriasis, when no acute symptoms were present, by large doses of balsam of copaiba, given with a little liquor potassæ, mucilage and water, has been highly gratifying, especially in cases where it has produced extensive urticaria; indeed, the dose should be increased till the latter is established."

1874. FUMOUZE, —. Recherches historiques sur les Exutoires, suivies d'une note sur l'emploi du Copahu (Copahu titré).
Paris, 8vo, pp. 58.

CORAL.

1630. GANSIUS, J. L. Coralliorum historia, qua mirabilis eorum ortus, locus naturalis, &c., et vires eximiæ proponuntur. Francof. 12mo. Alt. ed. Francof. 1669. *Bibl. Med.-Chir. Soc.*

1665. ETTMULLER, M. Coralliorum tincturæ examen. Præs. M. F. Fries. Lipsiæ, 4to.

1674. BOCCONE, P. Recherches et observations naturelles touchant le Corail, &c. Amst. 12mo, tab. ii. *Bibl. Med.-Chir. Soc.*

1675. FRANK, J. *Diss. de Corallio, juxta Plinii historiam naturalem. Jenæ, 4to. *Bibl. Med. Soc. Lond.*

1676. GARENCIÈRES, T. The admirable virtues and wonderful effects of the true and genuine Tincture of Coral in physic. London, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*

1720. LEISNERUS, G. C. De Coralliorum natura, præparatis et usibus. Wittembergæ, 4to.

1734. JACOB, C. *Diss. de Coralliorum ruborum tincturis.
Jenæ, 4to.

1872. TABOURIN, —. Note relative à l'action de la Coralline sur l'homme et les animaux. Lyon, 8vo, pp. 24.

CORIANDRUM SATIVUM, Linn.

Coriander.

1739. BOECLER, J. *Diss. de Coriandro. Præs. F. A. Brunck. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*

1852. KAWALIER, A. Über das Corianderöl. (Chemical?)
Vienna, 8vo.

CORIARIA MYRTIFOLIA, Linn.

Myrtle-leaved Sumach.

1863. RIBAN, J. Recherches expérimentales sur le principe toxique du Redoul (Coriaria myrtifolia). Paris, 8vo, pp. 78.

CORIARIA RUSCIFOLIA, Linn.

The Toot Plant of New Zealand.

1865. LINDSAY, W. LAUDER. On the Toot Plant and Poison of New Zealand. (Ex. in *Brit and For. Med.-Chir. Rev.*, July, 1865, p. 153-178; and Oct., 1868, p. 465-472.)

A valuable and interesting memoir, well worthy of attention. For additional interesting remarks on the poisonous principle of the Toot plant, by Mr. Skey and Mr. H. H. Travers, see 'British and Foreign Med.-Chir. Rev.,' July, 1871, p. 230-8.

CORNUS FLORIDA et C. SERICEA, Linn.

Dogwood and Swamp Dogwood.

1803. WALKER, J. M. *Experimental inquiry into the similarity in virtue between the Cornus florida, C. sericea, and the Cinchona officinalis, *Linn.* (In Caldwell's *Med. Theses of Philadelphia*, vol. i, p. 299.) Philadelphia, 8vo.
Bibl. Med.-Chir. Soc. (Caldwell).

A well-conducted inquiry, containing many original experiments, from which the author arrives at the conclusion that, as medicinal agents, there is a strong similitude between these two species of cornus and cinchona, both possessing a high degree of bitterness and astringency. With regard to their therapeutic applications, the author observes, "In truth it may be said that in whatever form of disease cinchona has been decidedly serviceable the corni will be found equally so."

CORNUS CIRCINNATA, L'Herit.

Round-leaved Dogwood or Cornel.

1828. ROBINSON, S. H. On the superior efficacy of the Round-leaf Cornel (Cornus circinnata) in cases of debility of the digestive organs, &c. London, 8vo, pp. 110.

CREASOTUM.

Creasote, Creosote.

1833. SIMON, C. G. T. De Aquæ Binelli et Creosoti virtute styptica. Berol. 8vo. *Bibl. Med.-Chir. Soc.*

1833. REICHENBACH, C. VON. Das Kreosot, in chemischer, physischer, und medicinischer Beziehung, &c. Halle, 8vo, pp. 74. Second ed. Leipzig, 1835, 8vo, pp. 494.

1833. SEIDEL, F. W. Heilwirkungen des Kreosots und einige Bemerk. über das Aqua Binelli. Halle, 8vo.

1834. WILBRAND, F. J. J. Beiträge zur Würdigung der arzneilichen Wirkung des Kreosots. Giessen, 8vo, pp. 48.

1834. MEYER, G. J. G. *De Kreosoto. Rostochii, 8vo, pp. 32.

1834. FRÉMANGER, J. F. Recherches et observations sur la Créosote. Paris, 8vo, tab. 3.

1834. VOGEL, L. De Kreosoto. Berol. 8vo.
Bibl. Coll. Surg. Lond.

1834. MIQUET, E. *Recherches chimiques et médicales de Créosote. Paris, 8vo, pp. 94. English transl. by Dr. W. Wetherill, Philadelphia, 1835, 8vo. German transl. by J. A. Martiny, Weimar, 1837, 8vo, pp. 101.

Reviewed together with Mr. Cormack's work (*infrà*) in 'Edinburgh Med. Surg. Journal,' xlvi, 1836, p. 428-442. The review speaks of this work as "the least interesting of the two, though at the time of its publication it contained a complete view of all that has been ascertained on the subject."

1835. ELLIOTSON, J. On the medicinal properties of Creasote. (Ex. in *Med.-Chir. Trans.*, xix, p. 217, and *Med.-Chir. Rev.*, April, 1836, p. 463 *et seq.*

Amongst the diseases in which Dr. Elliotson made trial of creasote were phthisis (by inhalation), epilepsy, neuralgia, vomiting, diabetes (internally), and chronic glanders (by injection). In some, *e.g.* epilepsy, it proved a failure, and excepting in some forms of obstinate vomiting subsequent experience has not confirmed the sanguine expectations of the early advocates of this remedy.

1835. BERGMANN, A. L. Das Kreosot in chem. pharm. und therapeutischer Beziehung, zunächst für Aerzte und Pharmaceuten. Nürnberg, 8vo, pp. 86.

1835. GILLHUBER, J. *Diss. medico-pharmica de Kreosoto. Ticini Reg. 4to, pp. 48.

1835. KARLOVZKY, C. L. *De Creosoto. Pesthini, 8vo, pp. 29.

1835. CORNELIANI, G. Mem. sull' uomo e sugli animali intorno alla virtù del Creosote. Pavia e Wien, 8vo, pp. 84.

1836. CORMACK, J. R. A treatise on the chemical, medical and physiological properties of Creosote, illustrated by experiments on the lower animals &c., being the Harveian Prize Dissertation for 1836. Edin. 8vo, pp. 154.

In this work the author "has attempted to collect all the information upon the subject which has been published in the foreign and British journals, and at the same time to state such farther details and observations as were known to the author." (Preface.) The work is creditable alike to the author's talents, industry and information.—*Edin. Med. Surg. Journ.*, xlvi, 1836, p. 442.

1836. FRUEH, G. *Ueber die Anwendung des Kreosots in der Pneumophthisis. Würzburg, 8vo.

1837. DONZELLI, S. Osservazioni intorno al Creosotto di Reichenbach, &c. Pesaro, 8vo.

1855. WILMOT, J. B. On the use of Creasote in Scorbutic Camp Dysentery. London, 8vo, pp. 16.

This pamphlet describes a dysenteric epidemic which occurred in 1844, in the Union workhouse at Pembury, in which injections of creasote (a drachm in a pint of gruel or starch) proved very successful. The author's statement carries internal evidence of an honesty and candour which would give to his observations a very high degree of importance were they somewhat more numerous. The total number of cases treated were thirty-four, of whom eight died.—*Edin. Monthly Journ. of Med.*, May, 1855, p. 423.

1874. PÉCHOLIER, G. Sur les indications du traitement de la Fièvre Typhoïde par la Créosote, ou l'acide phénique, et les affusions d'eau froide. Paris, 8vo, pp. 33.

CROCUS SATIVUS, Linn.

Saffron.

1670. HERTODT, J. F. Crocologia, seu curiosa Croci, regis vegetabilium, enucleatio, &c. Jenæ, 8vo, pp. 283, tab. i. *Bibl. Med.-Chir. Soc.; Radcliffe.*

Varietates aliquæ cum iconibus; cultus, ex aliis, vires medicæ et præparationes variæ, visque formularum ad morbos pene omnes.—*Haller, Bibl. Bot.*, i, p. 554.

1732. RAUCH, J. B. A. Diss. de usu et abusu Croci Austriaci. Vienna, 4to.

1766. DES ESSARTS (de la Taille). Mémoire sur le Safran. Orleans, 8vo, pp. 100. *Bibl. Banks.*

1816. GOLDBACH, C. L. Diss. Croci historiam botanico-medicam sistens. Moscow, 8vo, pp. 54. Russian transl. Moscow, 1823, 4to.

1829. CASTIGLIONI, L. Monografia dello Zafferano. Milan, 8vo, pp. 40.

1834. ZANI, A. *De nonnullis Crocis Italicis. Pavia, 8vo, pp. 27.

1874. DELIOUX DE SAVIGNAC. Le Safran, ses propriétés physiologiques et thérapeutiques, formules pour son emploi. Paris, 8vo, pp. 27.

A somewhat elaborate paper, containing a complete history of saffron, the virtues of which the author considers to be too little appreciated at the present day. He regards it as possessing some real efficacy both as a stimulant and sedative. For an abstract of his further observations see *Brit. and For. Med.-Chir. Rev.*, Oct. 1874, p. 500.

1875. FRANCHINI, G. B. Dell' uso dello Zafferano nel Vajuolo. Padova, 8vo, pp. 16.

CROTON-CHLORAL. Vide CHLORAL-CROTON.

CROTON TIGLIUM, Linn., et OLEUM CROTONIS.

Croton Plant and Oil.

1807. GEISELER, E. F. Crotonis Monographia. Halæ, 8vo, pp. 83.

1820 (1829?) MOECKEL, or MÖKKEL, H. A. De Diosma crenata, Oleo Crotonis Tiglii et Carbone Animali. Lipsiæ, 4to, pp. 28.

1823. FINZI, L. V. *De medicis virtutibus quibus gaudet Croton Tiglium ejusque præcipue Oleum. Paduæ, 8vo, pp. 20.

1824. CONWELL, W. E. *Recherches sur les propriétés médicinales et l'emploi en médecine de l'huile de Croton Tiglium. Paris, 4to, pp. 24. *Bibl. Med.-Chir. Soc.*

In this thesis the medicinal properties and best modes of administering croton oil are detailed.—*Med. Chir. Rev.*, June, 1824, p. 246.

1825. CRUSE, G. L. *De Crotonis Tiglii Oleo. Berol. 8vo, pp. 54. *Bibl. Coll. Surg. Lond.*

1825. TANTINI, F. Sull uso interno dell Olio di Croton Tiglium. Pisa, 8vo.

1827. ZEITNER, S. F. *Analysis chemica atque usus seminum Crotonis Tiglii. Kiliæ, 4to, pp. 24.

1827. FROST, J. Observations on the properties and effects of the Expressed Oil of the Seed of Croton Tiglium, together with its botanical history. London, 8vo, pp. 40, tab. col. i. *Bibl. Coll. Surg. Lond.*

1828. WENZEL, C. Die Heilkräfte des Wasserfenchelsaamens (Phellandrum aquaticum, *q.v.*)...dann die wurmwidrige Eigenschaft des Crotonöls. Erlangen, 8vo, pp. 136.

The last chapter of this work is devoted to the consideration of the anthelmintic powers of croton oil, which the author is convinced from experience deserves to be ranked amongst the most valuable medicines of that class, equally effectual in cases of lumbricus and tænia.—*Dublin Journ. Med. Soc.*, vol. ii, 1833, p. 90.

1830. SHORT, M. J. Remarks on the nature and effects of the Expressed Oil of the Croton Tiglium, with cases illustrative of its efficacy in the cure of various diseases. London, 8vo, pp. 63, plate 1.

1831. PRIEUR, L. D. *Diss. sur le Croton Tiglium. Strasbourg, 4to.

1831. LUND, J. J. G. *De Oleo Crotonis. Halæ, 8vo, pp. 39.

1833. JORET, F. E. *Considérations thérapeutiques sur l'Huile de Croton Tiglium. Paris, 4to.

1833. RAMBERGER, H. De olei Crotonis externe adhibiti efficacia. Berol. 8vo. *Bibl. Coll. Surg. Lond.*

1834. MACERONI, H. Lettera sull' Olio di Croton Tiglium. Naples? 8vo.

1857. KRICH, G. F. *Experimenta quædam pharmacologica de Oleis Ricini, Crotoni, &c. Dorpati, 8vo, pp. 50.

1861. MARCHAND, L. Du Croton Tiglium, recherches botaniques et thérapeutiques. Paris, 8vo, pp. 94, tab. 2.

1864. VAUTHERIN, A. Des graines de Croton Tiglium et de Curcas purgans, des produits qu'on en retire, recherches de chimie, physiologie, pharmacologie et micrographie. Paris, 8vo, pp. 147, fig. 28.

1874. CORSON, J. W. On the treatment of Pleurisy, with an Appendix of cases showing the value of combinations of Croton Oil, Ether, and Iodine, as counter-irritants in other diseases. New York, 12mo, pp. 31.

"A very readable little treatise." For the formulæ, which in the author's practice have entirely superseded blisters in the majority of cases of pleurisy, and for mode of application, &c., see *Dublin Journ. Med. Sci.*, March, 1876, p. 251.

CUBEBA.

Cubebs.

1603? VELEZ DE ARCINIEGA, F. Parecer de que las Cubebas son el Carpasio de Galeno. Madrit. 4to.

16—? CORTAVILLA Y SANABRIA, DIEGO DE. Informacion y pareçer de lo que son Cubebas y quien las empeçò a usar y como non son el Carpasio de Galeno, &c. Sine loc. et an. 4to.

1705. WEDEL, G. W. *De Cubebis. Resp. H. F. Teichmeyer. Jenæ, 4to. *Bibl. Linn. Soc.; Banks.*

Potissimum utilitates medicæ.—*Haller, Bibl. Bot.*, i, p. 539.

1821. JEFFREYS, H. Practical observations on the use of Cubebs or Java Pepper in the cure of Gonorrhœa. London, 8vo, pp. 58. *Bibl. Med.-Chir. Soc.*

The cases of gonorrhœa treated by cubebs, twenty-seven in number, appear to be faithfully detailed, the unsuccessful as well as the successful, a mode of conduct which is very praiseworthy. The work is characterised by plainness of narrative, freedom from affectation and apparent candour of detail.—*Med. Chir.-Rev.*, September, 1821, p. 274.

Cubebs as a remedy in gonorrhœa was first brought to notice in Great Britain by John Crawford, Surgeon H.E.I.C. Bengal, in *Edinburgh Med. Surg. Journal*, January, 1818, p. 32. The letter is dated October 22, 1817.

1822. CHURCHILL, J. M. On Gonorrhœa, with particular reference to the use of Diuretics, Purgatives, and the Piper Cubeba, and showing how far they may be relied on, &c. London, 8vo. *Bibl. Facult. Glasgow.*

1826. BAEUMLER, G. P. A. Quædam animadversiones de ea quam in maligna curanda Gonorrhœa habeat Piper Cubeba efficacitate, &c. Cassellis, 8vo, pp. 57.

1831. HALLER, J. A. *De Pipere Cubeba. Vindob. 4to.

1832. MUSCOVITZ, M. *De Cubebis. Pesthini, 4to, pp. 47.

1832. MAREILLAUX-CRESPIAT, P. B. *Considérations sur le Copahu et sur le Cubèbe. Montpellier, 4to.

1839. GOEVRES, F. *De usu Cubebarum in Blenorrhœa. *Vide* "Acids," 1839.

1839. MIQUEL, F. A. W. Commentatio de vero Pipere Cubeba deque speciebus cognatis ac cum eo commutatis. (Botanical.) Lugd. Bat. folio, tab. 3.

1850. GOEDECKE, A. H., M.D. De Oleo Æthereo Cubebarum experimenta nonnulla. Berlini, 8vo, pp. 39.

1866. TRIDEAU, H. On the use of Cubebs in Croup, Diphtheria, &c. *Vide* "Copaiba," 1866.

1870. MOREAU, J. *Du traitement médical de la Diphthérie, et en particulier de son traitement par le Cubèbe. Paris, 4to.

CUCURBITA PEPO, Linn.

Pumpkin or Common Gourd.

1867. DUPONT, M. Considérations générales sur le parasitisme de l'homme, suivies de l'observation d'un cas de Tænia guéri par les semences de Citrouille. Brussels, 8vo, pp. 28.

1875. BELLOM, P. M. P. *Sur la pathologie du Tænia et sur son traitement par la graine de Courge (Cucurbita Pepo). Paris. 4to.

CULILIWAN CORTEX. INDIAN CLOVE BARK.

The bark of Cinnamomum Culiliwan, Blume.

1705. SLEVOGT, J. H. De Cortice Culilawan. Jenæ, 4to.

1753. CARTHEUSER, J. F. *De Cortice Caryophylloide Amboinensi vulgo Culilawan dicto. Francof. ad Viad. 4to. pp. 32. *Bibl. Banks.*

Lauri speciem ex Rumphio describit. Libra una dat drachmam ex æthereo, et aromaticam aquam stillatitiam. Odor olei ex sassafras et caryophyllis mistus est. Aroma est, quod vim cordis et ventriculi augent. &c.—*Haller, Bibl. Bot.*, ii, p. 271.

CUNDURANGO or CONDURANGO.

1873. RUSCHENBERGER, W. J. A Report on the origin and therapeutic properties of Cundurango. Published by order of the U.S. Navy Department. Washington, 8vo. pp. 23.

Much attention having been called to cundurango as a specific for cancer, the United States Government instituted an inquiry into the subject, and this official pamphlet contains a full account of the matter. Dr. Ruschenberger observes, "My investigation of the subject leads to a conviction that there is much testimony but no evidence that cundurango has a curative influence in cases of cancer. The hope created that it would be found a specific has proved fallacious." See, further, *London Med. Record*, July 15, 1873, p. 443.

CUPRUM.

Copper and its Salts, &c.

1685. WALDSCHMID, W. U. *De Argento et Cupro. Marburgi, 4to.

1715. VERDRIES, J. M. *De Cupri origine et usu. Giessæ, 4to.

1722. SCHULZE, J. H. Mors in ollâ, seu metallicum contagium in ciborum, potuum et medicamentorum præparatione ac asservatione cavendum. Altorfii, 4to.

1753. VARI, J. Dissertazione della venefica indole de Rame. Ferrara, 4to. *Bibl. Med.-Chir. Soc.*

1753. TESTA, G. F. Sovra la diss. della venefica indole del Rame di J. Vari riflessioni. Ferrara, 4to. *Bibl. Med.-Chir. Soc.*

1759. RUSSELL, B. *De Cupro. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1774. FALCONER, W. Observations and experiments on the poison of Copper. London, 18mo. *Bibl. Med.-Chir. Soc.*

1783. WEITENBREYER, C. G. *De Cupro medicato. Erfordiæ, 4to.

1786. BLIZARD, W. Experiments and observations on the danger of Copper in pharmaceutical and chemical preparations. London, 8vo. *Bibl. Med.-Chir. Soc.*

1790. Busch, C. F. G. *Diss. medica exhibens noxas ex incauto vasorum æneorum usu, &c. Göttingen, 8vo.

1802. Drouard, C. R. *Expériences sur l'empoisonnement par l'Oxyde de Cuivre (Vert-de-gris) et par quelques sels cuivreux. Paris, 8vo.

1819. Sassi, G. Osservazioni pratiche e riflessioni sugli effetti del Cupro Ammoniacale. Genova, 8vo.

1822. Junghähnel, M. *De pharmacis quibusdam e Cupro paratis. Lipsiæ, 4to, pp. 36.

1823. Münch, F. *De Cupri viribus in corpus humanum. Berol. 8vo, pp. 34.

1825. Urban, A. *De Cupri effectu. Landishuti, 4to, pp. 15.

1837. Mitscherlich, C. G. Ueber die Wirkungen des Schwefelsauren Kupferoxyds auf den thierischen Organismus. Berlin, 8vo, pp. 29.

1837. Köchlin, J. R. Von den Wirkungen der gebräuchlichen Metalle auf den menschlischen Organismus überhaupt, und als Heilmittel; und dem Kupfersalmiak-Liquor, und andern Kupfer präparaten als solchen insbesondere. Zürich, 8vo, pp. 186.

The author treats—(1) of the action of metals on the organism generally; (2) of their therapeutic agency; and (3) of the virtues of a cupro-ammoniacal solution dignified by the title of the "Liquor of Köchlin," and other cupreous preparations. A series of extracts from German journals and letters from German doctors, forming an appendix of twenty-eight pages, attest the wonderful powers of the pet liquor. The three points in the use of metals generally, brought forward in this essay are—(1) The superior efficacy of metallic hydrochlorates conjoined with sal-ammoniac; (2) that they should be given in minute doses (100th of a grain); and (3) that they should be swallowed directly after taking food. See *Brit. and For. Med. Rev.*, Oct., 1839, p. 364.

1851. Puel, J. A. E. Étude clinique sur l'emploi de l'Ammoniaque liquide, du Sulfate de Cuivre ammoniacal, &c., dans le traitement de l'Épilepsie. Metz, 8vo, pp. 16.

1852. Hönerkopff, S. A. Über die Anwendung des schwefelsauren Kupferoxyds gegen Croup. Leipzig, 8vo, pp. 64.

1853. Escallier, —. De l'emploi du Cuivre comme moyen préservatif et curatif dans le Choléra Asiatique à propos du mémoire du Docteur Burq. *Vide* "Metals," 1853. Paris, 8vo, pp. 16. 2nd ed. 1854.

1854. Williams, T. Report on the Copper Smoke, its influence on the public health and the industrial diseases of Coppermen. Swansea, 8vo. *Bibl. Med.-Chir. Soc.*

1857. Neebe, C. W. Versuche über die Wirkungen des essigsauren Kupferoxyds und einiger andern organisch-sauren Kupferoxyde. Marburgi, 8vo, pp. 46.

1865. Tardieu, Lorain, et Roussin. On poisoning by Salts of Copper. *Vide* "Arsenic, Toxicology of," 1865.

1867. BURQ, V. Métallothérapie: du Cuivre contre le Choléra au point de vue prophylactique et curatif. Paris, 8vo, pp. 208. *Vide* 1873 (*infra*). *Bibl. Med.-Chir. Soc.*

1867. LISLE, E. Le Choléra de 1865 à l'asile public d'aliénés de Marseille. Traitement par le Sulfate de Cuivre. Marseilles, 8vo, pp. 68.

1867. CHEVALLIER, M. A. Le Cuivre et les sels de Cuivre sont-ils toxiques? Les ustensiles de Cuivre sont-ils dangereux? Paris, 8vo, pp. 32.

1869. DEROCHE, —. Influence du Cuivre sur la santé des ouvriers en bronze. Paris, 8vo, pp. 23.

1870. VOISIN, A. Contribution à la thérapeutique de l'Épilepsie par les préparations de Cuivre et de Zinc. Paris, 8vo, pp. 15.

1873. BURQ, V. Du Cuivre contre le Choléra: Rapport de Vernois sur l'immunité cholérique des ouvriers en cuivre; instruction pour le traitement préservatif et curatif par le Dr. V. Burq. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

The author claims the discovery that workers in copper enjoy a special and almost complete immunity from cholera; the statistics, however, set forth in support of this proposition are unsatisfactory by reason of the absence of those data which are essential in all inquiries relating to the etiology of disease and to the influence of protective and curative agents. For the prevention and cure of cholera Dr. Burq recommends frequent and large doses of the oxide of copper or of the double chloride of copper and ammonium. He has failed in convincing his professional brethren that between copper and cholera there exists any such antagonism as he claims to have discovered.—Dr. George Johnson, in *London Med. Record*, Jan. 21, 1874, p. 43.

1875. GALIPPE, L. M. V. *Étude toxicologique sur le Cuivre et ses composés. Paris, 4to. Ibid. 8vo, pp. 168.

CURARE (URARI, WOORARA, WOURALI, TICUNA).

(Poisonous Extract of Strychnos toxifera, Bentham.)

1839. WATERTON, E. Experiments with the Wourali Poison. Nottingham, 8vo.

1855. REYNOSO, A. Recherches naturelles, chimiques et physiologiques sur le Curare, poison des flèches des sauvages Américains. Paris, 8vo. *Bibl. Manchester Med. Soc.*

1857. PELIKAN, E. Recherches physiologiques et toxicologiques sur le Curare. (*Mélanges Physiques et Chimiques*, vol. iii, p. 83-91.) Leipsic, 8vo.

For an abstract of Prof. Pelikan's researches see *Dublin Quart. Med. Journ.*, Nov., 1857, p. 480-86; and for other interesting observations by Pror. Kölliker see *Glasgow Med. Journ.*, April, 1858, p. 118 *et seq.*

1864. MORONI, E., et DELL' ACQUA, F. Il Veleno Americano detto Curaro. Studi sperimentali, fisiologici e topilogici. Milan, 16mo, pp. 228.

1864. DIEU, A. *Histoire du Curare. Strasbourg, 4to, pp. 65.

1864. CZERMAK, J. N. Mittheilungen aus dem physiologischen Privatlaboratorium. 1. Versuch mit Curare. Vienna, 8vo.

1866. VOISIN, A., et LIOUVILLE, H. Étude médico-légale sur le Curare. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1866. VOISIN, A., et LIOUVILLE, H. Des phénomènes physiologiques produits par le Curare chez l'homme. Doses que l'on peut donner. Indications thérapeutiques. Paris, 8vo, pp. 23.

1867. VOISIN, A., et LIOUVILLE, H. Études sur le Curare, comprenant des recherches et expériences sur les animaux, la dosologie, les voies d'introduction, les propriétés physiologiques et thérapeutiques, &c. (Ex *Ann. d'Hygiène Publique*, xxvi, 1866.) Paris, 8vo, pp. 20, tab. 2.

These authors have studied curare with the special object of determining the tests for its detection and its employment as a therapeutic agent. For an abstract of their experiments and the results see *Brit. and For. Med.-Chir. Rev.*, Jan., 1867, p. 248-50; and *Dublin Quart. Journ. Med. Sci.*, Feb., 1869, p. 189 *et seq.*

Vide also "Antiaris."

CUMINUM CYMINUM, Linn.

Cumin.

1733. EHRMANN, J. C. *Diss. de Cumino. Argentorati, 4to, pp. 34. *Bibl. Banks.; Linn. Soc.*

CURCUMA LONGA, Linn.

Turmeric.

1748. BÜCHNER, A. E. *De Curcuma officinarum ejusque genuinis virtutibus. Halæ, 4to.

CURCUMA ZEDOARIA, Linn.

Zedoary Root.

1691. MANITIUS, S. G. De ætatibus Zedoariæ relatio, in qua Zedoariæ fructificatio, præparata ac vires traduntur, &c. Dresdæ, 12mo, pp. 168. *Bibl. Banks.*

Historia integra hujus aromatis, character floris, &c.—*Haller, Bibl. Bot.*, i, p. 649.

CUSCUTA EPITHYMUM, Linn., et C. EUROPÆA, Linn.

Dodder of Thyme.

1607. FABER, J. De Nardo et Epithymo adversus J. Scaligerum disputatio. Romæ, 4to, pp. 34. *Bibl. Banks.*

1715. WEDEL, G. W. Diss. medica curiosa de Cuscuta. Resp. J. A. Bilhard. Jenæ, 4to, pp. 120. *Bibl. Banks; Lin. Soc.*

Integer libellus: collectitius.—*Haller, Bibl Bot.*, i, p. 559.

1718. FRANKE, J. Das verschmähte und wiedererhöhte Flachs-

seidenkraut, oder Bericht von dem heylsamen und vielen menschen verborgenen Nuzen dieses Gewächses.
Ulmæ, 8vo, pp. 32.

Cuscutam, ad omnia laudat, etiam in luem veneream; menses resides.—*Haller, Bibl. Bot.*, i, p. 635.

CYDONIA VULGARIS, Persoon.

Common Quince.

1580. CLEF, C. L. De Ligni Cotonei natura, viribus et facultatibus. Ingoldstadii, 4to.

1673. JUNG, G. S. Κρυσομηλον, seu malum aureum hoc est Cydonii collectio, decorticatio, enucleatio et præparatio physico-medica. Vindobonæ, 8vo, pp. 268. *Bibl. Banks.*

De more curiosorum omnes formulæ, quas unquam mala cydonia ingressa sint.—*Haller, Bibl. Med. Pract.*, iii, p. 282.

1717. EYSEL, J. P. *De medicamentis ex malo Cydoniato paratis. Resp. — Ploef. Erfordiæ, 4to.

1744. HEISTER, L. *De Cydoniis eorumque eximio usu medico. Resp. J. A. Bauer. Helmstadii, 4to, pp. 64. *Bibl. Banks.*

1854. LA HARPE, P. DE. Du mucilage de Coings dans la médication emmoliente antispasmodique. Lausanne, 8vo, pp. 38.

CYNOMORIUM COCCINEUM, Linn.

Fungus Melitensis. Scarlet Mushroom.

1755. PFEIFFER, J. *Fungus Melitensis. Præs. C. Linnæus. (In *Amæn. Acad.*, iv, p. 351–367.) Upsaliæ, 4to. *Bibl. Banks; Linn. Soc.*

The author concludes his account of this article by observing that up to his time no plant or medicine was known more deserving than this, of praise as a remedy in hæmorrhagic affections.

CYNANCHUM (ASCLEPIAS) VINCETOXICUM, Brown.

Swallow-wort.

1720. WEDEL, G. W. *Diss. de Vincetoxico. Resp. G. C. Wolff. Jenæ, 4to, pp. 20. *Bibl. Banks.*

1844. HARNIER, A. De vi Cynanchi Vincetoxici pharmacodynamica. Marburgii, 4to, pp. 11.

CYNOGLOSSUM OFFICINALE, Linn.

Hound's Tongue.

1853. SCHROECK C. J. *De Cynoglosso. Altdorfii, 4to, pp. 32. *Bibl. Banks.*

Adparet vim narcoticam, si quam habet, exhalare, nihil enim in extracto superest. Alvum post coctionem etiam ducere et vetusta ulcera sanare.—*Haller, Bibl. Bot.*, ii, p. 426.

DAPHNE MEZEREUM, Linn., et D. GNIDIUM, Linn., and other Species.

The Root-bark constituting the officinal Mezereon.

1767. Le Roy, J. A. Essai sur l'usage et les effets de l'écorce du Garou, vulgairement appellé Sain-bois, employée extérieurement contre les maladies rebelles et difficiles à guérir. Paris, 12mo. Ed. alt. 1774. German transl. by G. A. Junker, Strasbourg, 1773, 8vo. *Bibl. Acad. Edin.; Roy.* (German transl.)

Thymelææ linifolio cortex non quidem vesicas trahit, aquam tamen admotus de cute educit. Inde variis] in malis, potissimum ab humorum acrimonia natis, boni eventus.—*Haller, Bibl. Bot.*, ii, p. 578.

1820. Wikström, J. E. *Diss. botanica de Daphne. Præs. C. P. Thunberg. Stockholm, 4to. Ed. alt. Upsaliæ, 4to, 1817. *Bibl. Linn. Soc.* (*sub nom.* Thunberg).

1778. Ross, J. A. Diss. de Cortice Thymeleæ(vulgo Garou). Lugd. Bat. 4to. *Bibl. Roy.*

1780. Hartmann, P. J. *Super Daphnes Gnidii usu epispastico quædam. Resp. C. H. Haschke. Traject. ad Viad. 4to, pp. 19.

1781. Engel, —. De usu externo Corticis Mezerei. Loc.? 4to.

1798. Justi, C. W. *De Thymelæa Mezereo ejusque viribus, usuque medico. Marburgi, 8vo, pp. 64. *Bibl. Roy.*

1822. Gmelin, C. G. *Chemische Untersuchung der Seidelbastrinde. Resp. F. L. Baer. Tübingen, 8vo, pp. 37.

1822. Villert, —. Recherches sur le Garou. Tübingen, 8vo.

1838. Theile, F. *De viribus Daphnes Mezerei nonnulla. Lipsiæ, 8vo, pp. 43.

DATISCA CANNABINA, Linn.

1799. Dammers, F. L. De Datiscæ Cannabinæ in Febribus Intermittentibus sanandis usu. Gottingæ, 4to, pp. 19.

1835. Targioni-Tozzetti, A. Sulla Datisca cannabina. (Ex *Atti della Acad. di Georgofili di Firenze*, vol. xiv.) Firenze, 8vo, pp. 7.

DATURA STRAMONIUM, Linn.

Stramonium. Thorn-apple.

1695. Slevogt, J.A. Diss. quæ demonstrat Nucem Methel Avicennæ esse Daturam modernorum. Jenæ, 4to. *Bibl. Banks.*

1762. Störck, Baron A. Libellus quo demonstratur Stramonium, Hyoscyamum, Aconitum exhiberi usu interno, et remedia esse in multis morbis maxime salutifera. Viennæ, 8vo, pp. 118, tab. 4. German transl. by C. Schinzius, Tiguri, 1763, 8vo. French transl. Paris, 1763, 12mo (pp. 139, tab. 3). English transl. London, 1763, 8vo. *Bibl. Med.-Chir. Soc.*

In se ipso experimenta fecit, et in bestiis. Extracti stramonii granum cum semisse tolerari potest: eo delirium, maniam, epilepsiam superavit; bonæ icones adjectæ.—*Haller, Bibl. Bot.*, ii, p. 492.

1772. WEDENBERG, A. F. Diss. de Stramonii usu in morbis convulsivis, &c. (In *Baldinger's Sylloge*, ii, p. 95.) Upsaliæ, 4to. *Bibl. Med.-Chir. Soc.* (Baldinger).

Review in *Duncan's Med. Comment.*, 1775, vol. iii, p. 18.

1777. SPALOWSKY, J. De Cicuta...Stramonio, &c. *Vide* "Conium," 1777. *Bibl. Med.-Chir. Soc.*

"Virtus stramonii est anodina, soporifera, convenit insanientibus, maniacis, epilepticis, iisque qui chronica convulsione laborant. Sæpe solvit tetanum, nec ejus usus inefficax est in rabie canina."—P. 32.

1795. DAVIDSON, W. *Vide* "Rosa," 1795.

1797. COOPER, S. *On the properties and effects of Datura Stramonium, and on its use in medicine. (In *Caldwell's Philad. Theses*, vol. i, p. 165.) Philadelph. 8vo, pp. 58. *Bibl. Med.-Chir. Soc.* (Caldwell).

An excellent thesis, containing many original experiments instituted with the view of demonstrating the physiological action of the plant on the several parts of the animal organism. The observations, especially those relating to its influence on the circulatory system, were evidently conducted with great care. The medical or therapeutical portion presents little that is original or noteworthy.

1809. HARLES, C. F. Ueber die Behandlung der Hundswuth und insbesondere über die Wirksamkeit der Datura Stramonium gegen dieselbe. Frankfurt-am-Main, 4to, pp. 84.

1811. [Anon.] Communications relative to the Datura Stramonium, or Thorn-apple as a cure or relief of Asthma, several of them never before published. London, 8vo, pp. 90.

The author of this pamphlet was Mr. Sills, a respectable merchant in London, who had derived great benefit from stramonium inhalation; he furnishes a history of its introduction as a remedy of asthma, and adduces the evidence of several eminent medical men in its favour. "The coloured engraving, said to represent the Datura stramonium in flower, is execrable, and gives no idea of the plant."—*Edin. Med. Surg. Journ.*, viii, 1812, p. 366.

1811. FISHER, —. A familiar treatise on Asthma, difficulty of breathing, wheezing, winter cough, and consumption...with explicit directions for the use of the Stramonium herb. London, 8vo, third ed.? pp. 42. *Bibl. Facult. Glasgow.*

A mere puff. It contains a brief detail of a single case—said to be that of the author—described in the title-page as "formerly an asthmatic invalid, and concludes with the announcement that "the prepared stramonium and oxymel may be obtained of Messrs. Foster and Co., 34, Parliament Street, Westminster"!—See *Edin. Med. Surg. Journ.*, vii, 1811, p. 215.

1816. MARCET, A. On the medicinal properties of Stramonium, with cases. (Ex. in *Med.-Chir. Trans.*, vii, p. 546, and viii, p. 589.)

1819. RUNGE, F. F. *Vide* "Atropa Belladonna," 1819.

1820. WEBER, J. H. De Daturæ Stramonii viribus et usu medico. Bonnæ, 8vo, pp. 80.

1822. ENGELHART, C. *De Datura Stramonio, ejusque usu medico, præsertim ad Rheumatismi chronici curationem. Traject. ad Rhen. 8vo, pp. 83.

1823. BEGBIE, J. Cases illustrative of the sedative powers of Datura Stramonium. Edinburgh, 8vo. *Bibl. Med. Soc. Edin.*

A valuable contribution to our therapeutic knowledge of this article of the materia medica. It is reprinted in the author's 'Contributions to Practical Medicine,' 1864.

1830. BAYLE, A. L. G. Sur le Datura Stramonium, ou Pomme épineuse. (Ex. in *Bibliothèque de Thérap.*, vol. ii, p. 249–330.)

An excellent *résumé* of all that was known of this article up to this date.

1834. LUISIA. *Vide* "Solanum," 1834.

1835. LEGAL, —. Asthme nerveux; traitement par le Datura Stramonium. Paris, 8vo.

1836. MARTEL, C. J. *Emploi du Stramonium dans l'Asthme nerveux. Paris, 4to.

1841. MOREAU DE TOURS, J. Mémoire sur le traitement des Hallucinations par le Datura Stramonium. Paris, 8vo, pp. 43. *Bibl. Med.-Chir. Soc.*

1857. GURY, F. A. *Du Datura Stramonium. Étude sur la composition chimique de sa fumée. Paris, 4to, pp. 68.

1870. LAURENT, C. *De l'Hyoscyamine et de la Daturine. Étude physiologique, applications thérapeutiques. Paris, 4to. *Bibl. Med.-Chir. Soc.*

DAUCUS CAROTA, Linn.

The Carrot.

1802. BRIDAULT, A. F. Traité sur la Carotte, et Recueil d'obs. sur l'usage et les effets salutaires de cette plante dans les maladies internes et externes. La Rochelle, 8vo. *Bibl. Roy.*

1806. WALKER, R. Observations on the efficacy of Carrots in the cure of Ulcers and Sores. London, 8vo.

For further observations by the same author see *London Med. Phys. Journ.*, xxiii, 1810, p. 140.

DELPHINIUM STAPHISAGRIA, Linn.,

And its active principle, Delphinia.

1817. TREVIRANUS, L. C. Observationes de Delphinio et Aquilegia. Vratislaviæ, 4to (botanical?). *Bibl. Linn. Soc.*

1835. TURNBULL, A. On Veratria, *q. v.* Second ed., with an Appendix on the external application of Delphinia and on the internal administration of the salts of Veratria and Delphinia. London, 8vo, pp. 120.

1835. TURNBULL, A. On the medical properties of the Ranunculaceæ, and more particularly on the uses of Sabadilla seeds, Delphinium Staphisagria, &c., and their alkaloids. London, 8vo, pp. 226.

See also "Ranunculus" and "Veratria."

1857. DORN, C. F. *De Delphinino, observationes et experimenta. Bonnæ, 8vo, pp. 40.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, Sabadillin, Delphinin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

DICTAMNUS ALBUS, Linn.

Bastard Dittany, Fraxinella.

1687. GEYER, J. D. Δικταμνογραφία, sive brevis Dictamni descriptio. Lipsiæ et Francof. 4to, pp. 38, tab. i.
Bibl. Med.-Chir. Soc.; Banks.

1742. BUECHNER, A. E. *Diss. de Fraxinellâ. Resp. H. C. Bertuchius. Erfordiæ, 4to.

1777. SPALOWSKY, J. *De Cicuta...Dictamno, &c. Vindobonæ, 8vo. *Vide* "Conium." *Bibl. Med.-Chir. Soc.*

"Dictamnus albus eximium est remedium in epilepsia. Non raro prodest in melancholia, roborat nervos, tollit cachexiam et febres tertianas, pellit vermes, menstrua ex terrore retenta revocat, sistit in debilioribus fæminis fluorem album, spasmos compescit, curat quandoque rachitidem."—P. 29.

DIGITALIS PURPUREA, Linn., et DIGITALINA,

Foxglove and its active principle, Digitalin.

1785. WITHERING, W. An account of the Foxglove, and some of its medical uses; with practical remarks on Dropsy and other diseases. Birmingham, 8vo, pp. 207, tab. col. i. German transl. by C. F. Michaëlis, Leipzig, 8vo, 1786. *Bibl. Med.-Chir. Soc.*

A standard work of considerable merit, containing an account of 163 cases, mainly dropsical, in which the author administered digitalis during a period of ten years; the results, whether successful or unsuccessful, are all candidly related. He inculcates great caution in the use of the remedy, and lays down precise rules for its administration.

Although the majority of cases detailed were dropsical, including hydrothorax and hydrocephalus, attention is called to the value of digitalis in phthisis, epilepsy, insanity, and asthma.

1786. SCHIEMANN, C. C. *De Digitali purpurea. Gottingæ, 4to, pp. 63. *Bibl. Banks.*

Employed successfully in scrofulous affections. Two illustrative cases from this essay are given in Bayle's 'Bibl. Therap.,' iii, p. 315. It contains some good experiments on various animals.

1789. LETTSOM, J. C. On the use of Digitalis purpurea in Dropsical Affections. (Ex. in *Memoirs of the Medical Soc. of London*, vol. ii, 1789.)

1790. MERZ, J. J. *De Digitali purpurea ejusque usu in Scrofulis medico. Jenæ, 4to, pp. 16. *Bibl. Coll. Phys. Edin.; Banks.*

1790. QUIN, C. On Dropsy of the Brain, &c., to which are added observations on the use and effects of Digitalis purpurea in Dropsies. London, 8vo. German transl. by C. F. Michaëlis, Leipzig, 8vo. *Bibl. Med.-Chir. Soc.*

1792. MOSSMAN, G. On Scrofula, &c., with observations on the medicinal powers of Digitalis, and strictures on the opinions of Dr. Lettsom relative to the virtues of that plant. London, 8vo, pp. 108. Alt. ed. Bradford, 8vo, 1801.
Bibl. Med.-Chir. Soc.

1794. BOSCH, H. VAN DEN. *De herba Digitali purpurea. Ultraject. 4to. *Bibl. Roy.*

1799. FERRIAR, J. An Essay on the medicinal properties of Digitalis purpurea or Foxglove. (Reprinted in vol. ii of his *Medical Histories and Reflections*, 1810-13.) Manchester, 12mo. *Bibl. Med.-Chir. Soc.*

The object of this work is to give practitioners in general some idea of the success which may be expected from digitalis, that their hopes may neither be too strongly excited by the first fortunate cases which may occur, nor too readily depressed by occasional disappointments.—*Duncan's Ann. of Med.*, v, 1800, p. 146-170.

1800. MOORE, J. *On Digitalis purpurea and its use in some diseases. (Ex. in *Caldwell's Philad. Theses*, pp. 195.) Philad. 8vo. *Bibl. Med.-Chir. Soc.*

Contains a series of observations on the pulse, from which the author draws the conclusion that digitalis, given in substance, in the form of powdered leaves, acts as a stimulant of the circulatory system. His data, however, are too limited to allow of any legitimate or general conclusion being drawn from them.

1801. BEDDOES, T. Observations on the management of the Consumptive, on the powers of Digitalis purpurea, and on the cure of Scrofula. London, 8vo, pp. 394. *Bibl. Med.-Chir. Soc.*

We are here presented with some interesting cases in addition to those formerly published by the same author, demonstrating the benefit which has been reaped from digitalis in cases of phthisis.—*Duncan's Ann. of Med.*, vi, 1801, p. 201.

1801. KINGLAKE, R. Cases and observations on the medical efficacy of Digitalis purpurea in Phthisis Pulmonalis, with speculations on its modus operandi, &c. London, 8vo.

The substance of this paper appeared first in the 'London Med. Phys. Journal,' and subsequently as an appendix to Dr. Beddoes' work (*antè*). The cases are well described, and demonstrate the efficacy of digitalis in certain catarrhal affections and in incipient phthisis. Dr. Kinglake's reasonings on its *modus operandi* are very analogous to those of Dr. Beddoes, though given in different and more obscure language.—*London Med. Rev.*, vii, 1801, pp. 74.

1802. HENDY, J. A. *De Digitali ejusque in quibusdam morbis usu. Edin. 4to. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1803 (Ann. xii). BIDAULT DE VILLIERS, F. T. *Essai sur les propriétés de la Digitale pourprée. Paris, 4to. Troisième édition, revue, corrigée et considérablement augmentée. Paris, 8vo, 1812. *Bibl. Med.-Chir. Soc.* (ed. 1812).

1803. BURWELL, L. *Observations on the Digitalis purpurea, or Foxglove. Philadelphia, 8vo.

1804. RAND, J. On Phthisis Pulmonalis, and the use of Digitalis purpurea in that disease. Boston, U.S., 8vo, pp. 26.

1804. GEYSER, J. *De Digitali purpurea, ejusque usu in pectoris præcipue morbis. Kiliæ, 4to, pp. 54. *Bibl. Roy.*

1804. BRUYNWISK MAATJES, M. *De Digitali ferruginea. Groningæ, 8vo, pp. 60. *Bibl. Roy.*

1806. BRANNIUS, F. W. *De viribus atque usu Digitalis purpureæ. Præs. P. Afzelius. Upsaliæ, 4to, pp. 18. *Bibl. Linn. Soc.* (*sub nom.* Afzelius).

1807. MAVRÉ, —. *Sur la Digitale pourprée qui semble agir sur les épanchemens séreux en augmentant l'action du système vasculaire. Paris, 4to.

Three interesting cases, (1) hydrothorax, (2) anasarca, (3) leucophlegmatia, cured by digitalis, extracted from this work, are cited by Bayle, *Bibl. Thérap.*, iii, p. 92-96.

1807. HAMILTON, W. Observations on the preparation, utility, and administration of the Digitalis purpurea or Foxglove in Dropsy of the Chest, Consumption, Hæmorrhage, Scarlet Fever, Measles, &c., including a sketch of the medical history of the plant, and an account of the opinion of those authors who have written upon it during the last thirty years. London, 8vo, pp. 214. *Bibl. Med.-Chir. Soc.*

This lengthy title indicates pretty clearly the scope and object of the work. In the first place we are presented with a sketch of the medical history of digitalis, in which the observations and opinions of Drs. Withering, Darwin, Ferriar, Currie, Beddoes, Drake, Fowler, McLean, Mossman, Kinglake, and others, are successively brought under review. In distinct sections the author then proceeds to the consideration of the cultivation and preparation of digitalis—of its utility in hydrothorax, in phthisis, in hæmorrhage, in scarlatina, and in measles. An appendix contains the histories of several cases of hydrothorax, &c. The object of this work, to use the author's own words, has been "to collect under one view, and attempt to reconcile the contrariety of opinion respecting the use of this medicine, to ascertain as far as experience will permit the diseases in which it may really be expected to produce beneficial effects, and to give such an account of its preparation and mode of exhibition as may render it as invariably to be depended upon as the nature of the diseases to which it is adapted and the ever-varying state of the human body will admit."—*Edin. Med. Surg. Journ.*, iv, 1808, p. 215 *et seq.*

1808. WAUTERS, P. E. Essais pratiques sur la Digitale pourprée, sur la Douceamère, les fleurs de Camomille et l'Écorce du Chêne. Gand, 8vo.

1808. SANDERS, J. Treatise on Pulmonary Consumption, &c., to which is added an inquiry proving that the medicinal properties of the Digitalis or Foxglove are diametrically opposite to what they are believed to be. Edin. 8vo, pp. 319. French transl. by A. F. G. Murat, Paris, 8vo, 1812. *Bibl. Med.-Chir. Soc.*

Dr. Sanders, in opposition to the then generally received opinion that the action of digitalis was a direct cardiac sedative, adduces numerous experiments which appeared to him to warrant the conclusion that digitalis in small doses was primarily a powerful stimulant to the arterial system and to the body in general, both in health and disease, and that the secondary or consequent debility induced by it was fraught with danger.—See review in *Edin. Med. Surg. Journ.*, iv, 1808, p. 364-371.

1808. LAFFAN, J. DE COURCY. *De Digitalis purpureæ historia, &c. Edin. 4to. *Bibl. Coll. Phys. Edin.*

1808. SACHERO, C. H. *De Digitali. August. Taurin. 4to.

1808. VERDAT. *De Digitalis purpureæ usu therapeutico. Strasborg, 4to.

1809. GREIG, R. *De Digitalis purpureæ historia, usu atque in corpore humano effectibus. Edin. 4to. *Bibl. Coll. Phys. Edin.*

1809. VASSAL, P. G. *Sur les effets de la Digitale pourprée dans l'Hydropisie. Paris, 4to.

Sixteen cases of ascites, hydrothorax, hydro-pericarditis, and other dropsical affections, successfully treated by digitalis, are extracted from this essay, and given in extenso by Bayle, *Bibl. Thérapeutique*, iii, p. 99—128. They present many points of interest. Bayle is in error in placing the date of this thesis as 1819 intead of 1809.

1810. MACLEAN, L. An Inquiry into the nature, causes, and cure of Hydrothorax; illustrated by interesting cases and many living examples of the success of the method recommended. Sudbury, 8vo, pp. 519.

The method of cure here recommended consists mainly of digitalis, variously combined with nitrate of potash, acetate of soda, squills, mercury, &c. A considerable portion of the work is devoted to the virtues of digitalis, which in this disease, he says, "restores the lost or impaired functions of the absorbents, and places them in a condition of taking up the fluids effused in cavities by direct sedative action."—*Vide* review in *Edin. Med. Surg. Journ.*, Oct., 1810, p. 474-486.

1810. KRUYFF, J. *Spec. quo agitur de verbis Murrayi, *Apparat. Med.* i, pp. 459. Dosis et justa opportunitas venenum dirissimum in saluberrimum medicamen vertere potest, et veritas hujus sententiæ adstruitur observatione practica de virtute medica herbæ Digitalis purpureæ, plantæ venenatæ. Traject. ad Rhen. 8vo. *Bibl. Roy.*

1810. FANZAGO, F. Sulle virtù della Digitale nell' Alienazioni Mentali e sulla sua azione in generale. Padova, 8vo, pp. 60.

Bayle concludes his examination of Fanzago's work with the following remark:—"Je conclus, dit-il, appuyé sur les faits qui précèdent, que la digitale peut être d'un grand secours dans les aliénations dans lesquelles l'excitement universel est très fort: c'est-à-dire qui sont manifestement accompagnées de diathèse sthénique, &c. Dans celles, au contraire, qu'accompagne une diathèse asthénique, ou qui sont sans diathèse, ce médicament serait inutile ou même nuisible."—*Bibl. Thérap.*, iii, p. 324.

1811. STEEL, T. E. *On Digitalis purpurea and its use in certain diseases. New York, 8vo, pp. 38.

1811. MATTERER, C. A. *De Digitali purpurea. Pragæ, 8vo, pp. 37.

1812. ELMIGER, J. Histoire naturelle et médicale des Digitales. Montpellier, 4to, pp. 46, tab. 2.

1812. HAASE, W. A. De Digitali purpurea ejusque usu in morbis potissimum acutis, &c. Lipsiæ, 4to, pp. 32.

1814. DELATHY, —. *Diss. sur la Digitale pourprée. Strasbourg, 4to.

1816. WILSON, J. *De Digitali purpurea. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1818. RICCI, G. Disputatio Academica...de Digitali purpurea. August. Taurin., 8vo. *Bibl. Med.-Chir. Soc.*

1819. BULL, C. A. *De Digitali purpureâ. Edin. 4to. *Bibl. Coll. Phys.; Banks.*

1819. GÉRARD, A. *Sur les effets de la Digitale pourprée. Paris, 4to.

Two cases from this thesis, illustrating the power of digitalis in mitigating or subduing the symptoms attendant on cardiac aneurism, are given by Bayle, *Bibl. Therapeutique*, ii, p. 324 *et seq.*

1820. KAPLINSKI, J. J. F. De Digitali purpurea. Berol. 8vo, pp. 34.

1820. JESSEN, P. W. De Digitalis purpureæ viribus usuque medico. Kiliæ, 4to, pp. 72.

1821. LINDLEY, J. Digitalium monographia. London, folio. pp. 27, tab. col. 28.

A purely botanical work, finely illustrated.

1822. THELNING, C. A. *De Digitali purpurea. Præs. C. T. Thunberg. Upsaliæ, 4to, pp. 16.

A compilation, containing a history of the properties and therapeutic uses of digitalis drawn from the best authorities. It contains likewise a short bibliography arranged chronologically.

1822. COMTE, J. B. De l'Hydropisie de Poitrine et des Palpitations du Cœur promptement dissipées par la Digitale pourprée. Paris, 8vo, pp. 98. Deuxième éd. 1822, 8vo, pp. 178. Nouvelles observations, Paris, 1826, 8vo, pp. 40.

1823. CUIRARD, —. *De l'emploi de la Digitale pourprée dans quelques Fièvres Intermittentes. Montpellier, 4to.

1823. MOLL, —. *Diss. de Epilepsia Digitali sanata. Bonn.

This work is given on the authority of Bähr; it is not mentioned by Pritzel, Callisen, Engelmann, or other bibliographical authorities to which I have access.

1824. DUVAL, K. *De Digitali purpurea. Leodii, 4to, pp. 34.

1824. NICOLLE, H. C. *Histoire de la Digitale pourprée. Paris, 4to, pp. 46.

1824. BARBIERI, G. *Per quali cause i medici non andarono d'accordo nell' attribuire l'azione alla Digitalis purpurea. Padova, 8vo, pp. 15.

1825. WAVELL, R. M. *De Digitalis usu. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1826. DONATH, W. F. *De Digitali purpurea. Berol. 8vo, pp. 29.

1826. WITTFELD, J. H. *De verâ Digitalis indicatione. Bonn, 8vo, pp. 25.

1826. RAHO, V. De Digitalis purpureæ ac Hydrargyri mirabili virtute in Hydrope. Neapolis, 8vo.

1829. GOETHALS, F. J. De Digitali purpurea. Gandavi, 4to, pp. 25.

1829. SCHROEN, F. L. *De Digitali purpurea. Monachii, 8vo, pp. 39.

1829. SCHYCHOWSKY, —. *De Digitali purpurea. Dorpati, 8vo, pp. 66.

1833. ZEYSOLFF, G. *Sur la Digitale pourprée. Strasbourg, 4to.

1834. JORET, —. Considérations physiologiques et thérapeutiques sur la Digitale pourprée. (Ex *Archives Gén. de Méd.*, 1834.) Paris, 8vo.

1835. BAYLE, A. L. J. Sur la Digitale pourprée. (Ex. in *Bibliothèque de Thérapeutique*, vol. iii, p. 1-369.)

A valuable and instructive *résumé* of all that was known of the therapeutic uses of digitalis up to this date.

1835. ENGEL, K. G. *De Digitalis purpureæ in Delirio potatorum effectu. Lipsiæ, 4to, pp. 23.

1836. RAHO, V. De Digitalis purpureæ historia, &c. Neapol. 8vo.

1837. RHODIUS, E. Die Digitalis purpurea in grösseren Gaben und im Anfange acut-entzündlicher Krankheiten zu reichen. Mergentheim, 8vo, pp. 28.

1837. WINCKLER, G. A. De Digitali purpurea. Berol. 8vo, pp. 34.

1839. MUTH, F. De Digitali purpurea. Kiliæ, 8vo, pp. 27.

1840. TEUBERN, E. F. T. VON. *De herbæ Digitalis purpureæ vi pharmacodynamica. Jenæ, 8vo, pp. 29.

1841. SHARKEY, E. An enquiry into the efficacy of Digitalis in the treatment of Idiopathic Epilepsy. London, 8vo, pp. 80. *Bibl. Coll. Phys. Edin.*

This treatise contains an abstract of cases treated by the author's father (published in the 'Lancet,' May 27, 1831) with additional cases derived from other sources, all illustrative of the powers of digitalis in epilepsy. The cases are not very clearly detailed, and we are left much in the dark as to the intervals at which the remedy was administered. The remarks also on the pathological relations of epilepsy and the operation of remedies are vague and inconsecutive.—*Brit. and For. Med. Rev.*, April, 1841, p. 509.

1850-51. HOMOLLE et QUEVENNE, MM. Mémoires sur la Digitaline. Rapports faits par M. Bouillaud, &c., à l'Acad. Nationale de Méd., Jan. 8, 1850, et Fév. 4, 1851, pp. 55. *Bibl. Coll. Phys. Edin.*

A patient and careful examination into—1, the chemical and pharmaceutical history, and, 2, the physiological and therapeutical action of digitaline. For a full account of this important investigation see *Dublin Quart. Journ. Med. Sci.*, xii, 1851, p. 147—157.

1851. WUNDERLICH, C. A. Adnotatiunculæ quædem de viribus herbæ Digitalis. Lipsiæ, 4to, pp. 8.

1852. LABÉLONYE, C. Mémoire sur la Digitale et sur le meilleur mode d'administrer cette plante. Paris, 8vo, pp. 16. Ed. alt. 1855, 1858, 1862, 1863. *Bibl. Med.-Chir. Soc.*

1853. BOUTE, C. G. *De Digitali purpureâ. Halæ, 4to.

1854. SPLANEMANN, G. Diss. medica de Digitali purpurea. Berol. 8vo, pp. 30.

1854. DUCOURTIOUX, P. V. C. A. *La Digitale pourprée. Paris, 4to, pp. 34.

1857. LISSAUER, A. De Digitalis in pulsum efficacitate in Pneumonia. Berol. 4to, pp. 17.

1857. BÄHR, B. Digitalis purpurea in ihren physiologischen u. therapeutischen Wirkungen unter besonderer Berücksichtigung des Digitalin mit Benutzung der gesammten medicinischen Literatur. Leipzig, 8vo, pp. 219. *Bibl. Med.-Chir. Soc.*

A comprehensive investigation into the physiological effects and therapeutic uses of digitalis and digitaline. To a large mass of collected facts the author adds a considerable amount of original research. It contains an extensive bibliographical record arranged in chronological order, reference being made to periodicals and standard works on materia medica as well as to monographs. The list of the last mentioned, however, is far from complete.

1859. LECERF, J. *De la Digitale au point de vue de son action sur le cœur. Paris, 4to, pp. 47.

1860. JEANNERET, L. *De effectu Digitalis purpureæ. Berol. 8vo, pp. 30.

1860. PFAFF, E. R. Über die Anwendung der Digitalis purpurea bei den organischen Herzkrankheiten, &c. Plauen, 8vo.

1860. DUCLOS (de Tours), —. De l'emploi de la Digitale dans l'Épilepsie. (Ex *Bull. Gén. de Thérap.*) Paris, 8vo, pp. 15.

1861. DUCLOS (de Tours), —. Recherches sur l'action contro-stimulante de la Digitale dans la Pneumonie aiguë. Tours, 12mo, pp. 23.

1861. HOMOLLE, —. Expérimentations physiologiques sur quelques préparations de Digitale. (Ex *Archives Gén. de Méd.*, July, 1861.) Paris, 8vo, pp. 23.

1862. COBLENTZ, H. E. *De la Digitale pourprée comme agent antipyrétique. Strasbourg, 4to, pp. 86.

1863. CUNÉO, B. *De la Digitale pourprée. Montpellier, 4to, pp. 83.

1864. HARDY, E. Des effets toxiques de la Digitaline. (Ex *Archives Gén. de Méd.*, June, 1864.) Paris, 8vo, pp. 12.

1864. BONNIÈRE, —. De la Digitaline, ses propriétés, ses effets, avec le moyen chimique de reconnaître sa présence. Paris, 8vo, pp. 16.

1864. HOMOLLE, —. La Digitaline au point de vue chimique, physiologique et toxicologique. Paris, 4to, pp. 16. Idem, Paris, 1872, 8vo, pp. 59.

1865. FAGGE, C. H. and STEPHENSON, T. On the application of

physiological tests for certain organic poisons, and especially Digitaline. (Ex *Proceedings of the Royal Society.*)
London, pp. 5.

This inquiry is based on the principle that the substance or mixture suspected, if it contain a poison, will, when given to an animal, produce the effects which that poison is known to have on the same animal. Frogs were employed in this instance. For a summary of the interesting results see *Brit. and For. Med.-Chir. Rev.*, Oct., 1866, p. 454.

1866. BINDÉ, J. E. *Du Delirium tremens et de son traitement par la Digitale à haute dose. Paris, 4to.

1866. DERTELLE, J. G. *De la Digitale dans le traitement du Rhumatisme articulaire aigu. Paris, 4to.

1866. NEGRI, A. DE. Della ricerca chimico-legale della Digitalina.
Genoa, 8vo, pp. 20.

1866. PERCY, S. R. Digitalin: its chemical, physiological, and therapeutic action. (Prize essay.) Philadelphia, 8vo, pp. 39.

1867. BÉRENGER-FÉRAUD, L. J. B. Étude sur l'action antiblennorrhagique de la Digitale. Paris, 8vo, pp. 24.

1867. OULMONT, —. De la Digitale et de son action thérapeutique dans le Rhumatisme articulaire aigu fébrile.
Paris, 8vo, pp. 12.

1867. LEGROS, A. M. *De la Digitale dans le traitement de la Pneumonie et de la Pleurésie chez les enfants.
Paris, 4to, pp. 39, *avec* pl. 2.

1867. LEGROUX, A. C. *Essai sur la Digitale et son mode d'action.
Paris, 4to.

1867. LELION, C. M. *Étude physiologique de la Digitale.
Paris, 4to, pp. 116.

1868. MEUSNIER, A. *De l'action de la Digitale sur la fonction glycogénique. Paris, 4to.

1868. BRUNTON, T. L. On Digitalis, with some observations on the Urine. London and Edin. 8vo, pp. 132.

An important addition to the already immensely numerous researches on the physiological and therapeutical effects of digitalis. As a specimen of self-sacrifice and painstaking labour it deserves much praise...the researches in the appendix, especially those made with the hæmadynamometer, in order to ascertain the effects of digitalis upon arterial pressure, must have cost much fatigue. And as they seem to have been made with all the necessary precautions, we may accept the results deduced from them. The sphygmographic tracings appear to be open to some objections.—*Practitioner*, Oct., 1868, p. 235-7.

A highly valuable monograph upon a very important drug, based upon careful experiment and observation, by a man evidently well qualified for the task.—*Med. Times and Gaz.*, May 1, 1869, p. 471.

1869. FRANCHINI, G. B. Riflessioni sulla Digitale purpurea.
Turin, 8vo, pp. 20.

1870. GOURVAT, A. P. *Action physiologique de la Digitale et de la Digitaline. Paris, 4to.

1870. SOULA, T. M. L. *Résumé pharmacologique sur la Digitale pourprée. Paris, 4to.

1870. SCHRÖTTER, L. VON. Über die Wirkung der Digitalis, &c., auf die temperaturverhältnisse bei der croupösen Pneumonie. Vienna, 8vo, pp. 34, tab. 5.

1871. FOTHERGILL, J. M. Digitalis, its mode of action and its use: an enquiry illustrating the effect of remedial agents over diseased conditions of the Heart. London, 8vo.

To this essay was awarded the Hastings prize for 1870; it contains much original research, and forms an interesting contribution to the physiological and therapeutic history of digitalis, especially in its relation to heart disease.

1872. HOMOLLE, E. et G. Mémoire sur la Digitale pourprée. Paris, 8vo, pp. 40.

1872. BLAQUART, C. L. *Étude sur la Digitaline au point de vue chimique et physiologique. Paris, 4to.

1872. ACKERMANN, T. Über die Wirkungen der Digitalis. (*Volkmann's Sammlung*, No. 48.) Leipzig, 8vo. *Bibl. Med.-Chir. Soc.*

1872. MEGEVAND, A. *Étude de physiologie expérimentale. Action de la Digitale et de la Digitaline. Paris, 4to; ibid. 8vo, pp. 82.

1872. WEIL, E. *Essai sur la Fièvre à propos de la Pneumonie traitée par la Digitale. Paris, 4to.

1873. WIDAL, —. Expérimentation thérapeutique de la Digitale (Digitaline?) cristallisée. Paris, 8vo, pp. 52.

For a summary of Dr. Widal's experiments and views (drawn from 'L'Union Médicale,' October, 1872) see *Brit. and For. Med.-Chir. Rev.*, April, 1873, p. 500—3.

1873. NATIVELLE, C. A. Recherches sur la Digitale. Découverte de la Digitaline cristallisée. Paris, 8vo, pp. 32.

1873. REBOUL, H. *De l'Hémoptysie, et de son traitement par la Digitale. Paris, 4to.

1875. DUROZIEZ, P. Du Délire et du Coma Digitaliques. Paris, 8vo, pp. 16.

1875. LOZES, J. *Contribution à l'étude de l'action physiologique et thérapeutique de la Digitale. Paris, 4to.

1875. O'NEILL, F. *Sur l'emploi de la Digitale dans le traitement des Anévrysmes chirurgicaux. Paris, 4to.

1875. MORRA, V. La Digitale purpurea, nuove richerche chimiche, fisiologiche, tossicologiche e cliniche. Napoli, 8vo.

DIOSMÆ vel BAROSMÆ FOLIA.

Buchu Leaves.

1797. THUNBERG, C. P. *De Diosma. Resp. C. J. Penz. Upsaliæ. *Bibl. Linn. Soc.*

1820. MOECKEL, H. A. De Diosma crenata, Oleo Crotonis Tiglii, &c. Lipsiæ, 4to, pp. 28.

1824. REECE, R. On the effects of Diosma crenata or Buchu Leaves. London, 8vo.

Like many other of this author's pamphlets, it partakes of the character of an advertising puff. See "Krameria," 1808.

1827. CADET DE GASSICOURT, F. Notice sur le Diosma crenata. Paris, 8vo, pp. 8.

1827. NOURY, F. G. *Historia botanica, chemico-pharmaceutica et medica foliorum Diosmæ serratifoliæ, vulgo Foliorum Buchu. Groningæ, 8vo, pp. 64. *Bibl. Roy.*

1838. BRUINSMA, A. F. A. *De Diosma crenata. Lugd. Bat. 4to.

DIOSPYROS VIRGINIANA, Linn.

Persimmon, Yellow Plum, etc.

1792. WOODHOUSE, J. Dissertation on the chemical and medical properties of the Persimmon Tree, &c. Philadelphia, 12mo.

DRACÆNA DRACO, Linn.,

And its gum, Draconis Sanguis. Dragon's Blood, etc.

1712. OCHS, J. F. *Diss. de Sanguine Draconis. Præs. J. J. Baier. Altdorfii, 4to, pp. 24. *Bibl. Banks.*

1768. VANDELLI, D. Diss. de arbore Draconis vel Dracæna. (Redit. in *Romer Scriptores de Plantis*, &c., p. 37.) Olisiponæ, 8vo, pp. 39, tab. i. *Bibl. Banks; Linn. Soc.*

1768. CRANTZ, H. J. N. VON. De duabus Draconis arboribus botanicorum. Vienna, 4to, pp. 31, tab. i. *Bibl. Banks.*

1770. BERENS, R. *De Dracone arbore Clusii. Göttingæ, 4to, pp. 52, tab. i. *Bibl. Banks; Linn. Soc.; Acad. Edin.*

Botanical. See short notices in *Haller, Bibl. Bot.*, ii, p. 611.

1808. DALMAN, N. R. *Diss. de Dracæna. Præs. C. P. Thunberg. Upsaliæ, 4to. *Bibl. Linn. Soc.* (*sub nom.* Thunberg).

DROSERA ROTUNDIFOLIA, Linn.

Rosella, etc.

1714. EYSEL, J. P. *Diss. de Rore solis. Erfordiæ, 4to.

1797. THUNBERG, C. P. Diss. de Rosera. Resp. D. Haij. Upsaliæ, 4to. *Bibl. Linn. Soc.*

1867. BATTIFORA, G. A. Del Rosolio di cortice, specifico per guarire dal Cholera Asiatico. Palermo, 8vo, pp. 32.

DULCAMARA. Vide SOLANUM DULCAMARA.

EARTH

As a Therapeutic Agent.

1869. HEWSON, A. Earth as a Topical Application in Surgery. Being a full exposition of its use in all the cases requiring topi-

cal applications admitted into the Pennsylvania Hospital for six months in 1869. Philadelphia, 8vo, pp. 300, photos. 4.

The work is well written and the reasoning clear, and on looking at the result of the recorded cases much benefit seems to have been obtained from earth dressing in many instances. It must, however, be acknowledged that, on the whole, we possess other antiseptics of superior value in practice.—*Dublin Journ. Med. Sci.*, July, 1872, p. 227.

The consideration of the deodorizing power of earth and the advantages of "dry earth closets" belongs to the domain of hygiene rather than to that of therapeutics.

ELATERIUM.

1658. PERREAU, P., et GOUEL, F. *Ergo Hydropi Elaterium. Paris, 4to.

1722. EVERHARD, J. W. *De Elaterio quod ad magnos mortalium usus paretur. Præs. J. H. Schulze. Altdorfii, 4to, pp. 32. *Bibl. Banks.; Linn. Soc.; Acad. Edin.*

The author states that he himself prepared elaterium and that he found it innocuous, but he is apparently referring to some other substance than that which is known as elaterium at the present day, as he speaks of it in doses of ten grains as a good hydragogue, and adds that in dropsical cases the dose may be increased to fifteen, twenty-five, or even thirty grains without danger!

1831. MORRIES, J. D. *On the analysis of Elaterium and its active principle. Edin. 8vo. *Bibl. Med. Soc. Edin.*

The paper by this author in *Edinburgh Med. Surg. Journ.*, xxxv, 1831, p. 339, of which the above is a reprint, contains the first notice of elateria or elaterine.

ELEMI.

1859. MANNKOPF, E. W. Diss. de Olei Elemi ætherei natura. Berlin, 8vo, pp. 47.

EMETIA, EMETIN.

1823. KLINSMANN, E. F. *De Emetino et Cephaëli Ipecacuanha, Psychotria emetica, Richardsonia Braciliensi. Berol. 8vo, pp. 51

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin ...Emetin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

1869. DUCKWORTH, D. *Vide* "Ipecacuanha," 1869.

1869. LEFORT, J. *Vide* "Ipecacuanha," 1869.

1874. POLICHRONIE, C. A. *Vide* "Ipecacuanha," 1874.

ERGOT. SECALE CORNUTUM.

Ergot of Rye.

1709. CAMERARIUS, R. J. Diss. de Ustilagine frumenti. Resp. J. A. Planer. Tubingæ, 4to, pp. 16. *Bibl. Banks.*

1710. FAGON, G. C. Sur le Blé cornu en Ergot, et sur l'espèce de gangrène qu'il procure, &c. (*Mém. de l'Acad. des Sciences, &c.*, Paris, 1710, p. 61.)

1717. LANGE, C. N. Beschreibung des schädlichen Genusses der Kornzapfen. Luzern, 8vo.

Cum eo tempore ex clavi secalini copioso proventu passim morbus stupidus et gangrænosus grassaretur. Cl. Langius (Lucernensis Helveti medicus) et morbum describit, et grana secalina corrupta, quæ ejus morbi causa fuerunt; et ipsa, et sani grani fabricam: icones etiam dat utriusque, et chemicam analysin, quæ plurimum oleum demonstrat. Multum collectaneorum.—*Haller, Bibl. Bot.*, ii, p. 137.

1770. VETILLARD, —. Mémoire sur une espèce de poison, connu sous le nom d'Ergot, Seigle ergoté, ou Blé cornu. Paris, 4to.

1770. SCHLÄGER or SCHLEGER, T. A. Versuche mit dem Mutterkorn. Cassel, 4to, pp. 32. *Bibl. Banks.*

Nihil clavo cum insectis est: farina non nigricat, et saporem retinet, tantum ut subrancidum quid et urens subsit, neque nocet, etiam magna copia sumta. Creditur nocuisse, cum in panem cocta calida ederetur, sed forte alia causa subest. In venas injecta farina canem occidit, sanguine coacto. —*Haller, Bibl. Bot.*, ii, p. 603.

1771. BALDINGER, E. G. *Programma: qua Secale cornutum perperam a nonnullis ab infamia liberari ostenditur. Jenæ, 4to, pp. 8. *Bibl. Banks; Coll. Surg. Lond.*

1771. BÉGUILLET, E. B. Sur l'Ergot ou Blé cornu. Dijon, 4to, pp. 31.

Omnino acrimoniæ sensum gustatum in ore relinquere; nocere, et morbum gangrænosum facere, &c.—*Haller, Bibl. Bot.*, ii, p. 590.

1771. MODEL, J. G. Untersuchung des Mutterkorns. Wittenberg, 8vo.

1771. READ, —. Traité du Seigle Ergoté, dans lequel on examine les causes de cette excroissance végétale, les moyens de la prévenir, les résultats de l'analyse, leurs effets pour les animaux, les maladies épidémiques, &c. Strasbourg, 8vo, pp. 93.

1771. NEBEL, C. L. De Secali cornuto ejusque noxis. Gissesæ, 4to, pp. 40. German transl. Jena, 8vo, 1772. *Bibl. Banks; Radcliffe.*

1771. BOUEIX, —. Mémoire sur la nature et les effets du Seigle Ergoté pour servir de réfutation au Mémoire de M. Schleger. Paris, 12mo.

D. Vetillard Medicus Cenomanus scripserat pro adstruenda vi venenata secalis corniculati, exemplum dederat familiæ, quæ tota interiit, cum paupertas eam ejusmodi secali vesci coegisset: similem tristem effectum in porco et in anate est expertus, &c.—*Haller, Bibl. Bot.*, ii, p. 612.

1771. ESCHENBACH, C. E. Bedenken von der Schädlichkeit des Mutterkorns, und von den Mitteln zur Rettung der Ertrunkenen. Rostochii, 8vo.

1771. VOGEL, R. A. Schutzschrift für das Mutterkorn, als eine angebliche Ursache der Kriebelkrankheit. Göttingen, 8vo.

Morbum non esse a clavo Secalino, in Suecia sævire ubi hordeum solum seratur. Cl. Klærichium columbam et canem clavo aluisse, neutrum animal quidquam esse mali passum.—*Haller, Bibl. Bot.*, ii, p. 783.

1771. MARET, H. Mémoire sur le traitement des malades menacés ou attaqués de la Gangrène sèche qui résulte de l'usage du Blé Ergoté. Dijon, 8vo.

Pro certo habet experimento, ex clavo secalino convulsiones, et gangrænam supervenire. Quatuor facit mali periodos, in quarum prima convulsiones dominentur, sphacelus in ultima. Medicamenta et reliqua auxilia cuique morbi stadio opponit.—*Haller, Bibl. Bot.*, ii, p. 710.

1772. NEBEL, C. L. Dissertationem suam de Secali cornuto a temerariis et contumeliosis objectionibus DD. Schlegeri vindicat. Giessæ, 4to, pp. 16. *Bibl. Banks.*

1776-8. TESSIER, —. Sur la maladie du Seigle appellée Ergot. (Ex. in *Mém. de la Soc. Roy. de Médecine*, 1776, p. 417—430. Ibid. 1777 et 1778, p. 587—615.)

M. Tessier having witnessed in 1776-7 at Cologne an epidemic arising from the use of bread made from spurred rye, made a series of observations, researches, and experiments, the relation of which forms one of the most interesting portions of the 'Memoirs of the Royal Society of Medicine,' and which may be consulted with advantage by all those who wish to study the deleterious effects of ergot...It is worthy of remark that M. Tessier appears to be the only author who mentions abortions arising from the use of bread containing spurred rye, and even he does so in so laconic and general a way that it may almost be doubted if he regarded it otherwise than an accidental occurrence.—*Neale on Ergot of Rye*, p. 15 *et seq.*

1777. DESGRANGES, —. *Vide* 1822, *infrà.*

1786. ROESSIG, K. G. Abhandlung über das Mutterkorn dessen Entstehung und Bestandtheile. Leipzig, 8vo, pp. 76.

1807. STEARNS, J. Account of the Pulvis Parturiens (Secale cornutum), a remedy for quickening Childbirth. (Ex. in *New York Med. Repository*, 1808, No. 3, p. 308. For further observations by the same author see *Chapman's Philadelph. Journ. of Med. and Phys. Sci.*, 1822, vol. iv, p. 229–242.)

Dr. Stearns's observations attracted much attention, and led to the eventual adoption of ergot in American and British obstetrical practice. *Vide* "Desgranges," 1822, *infrà.*

1813. PRESCOTT, O. Dissertation on the natural history and medicinal effects of the Secale cornutum or Ergot. Loc. ? 8vo, tab. i. *Bibl. Med.-Chir. Soc.*

An abstract of Prescott's observations is given by Bayle, *Bibl. Thérap.*, iii, p. 377-382.

1817. DEVERDIER, —. *Considérations sur le Seigle Ergoté, les causes qui le produisent, et sur ses effets délétères. Montpellier, 4to.

1817. GRANVILLE, A. B. An account of some experiments with Ergot of Rye. London, 8vo.

1818. BORDOT, L. *Considérations médicales sur le Seigle Ergoté. Paris, 4to.

1818. ORJOLLET, P. A. *Diss. méd. sur les mauvais effets du Seigle Ergoté pris comme aliment et son usage dans l'art des accouchemens. Strasbourg, 4to.

1818. GUÉRARD, —. *Gangrène attribuée au Seigle Ergoté. Paris, 4to.

1820. BORDOT, L. Instructions sur la santé des femmes enceintes, &c., suivies de l'emploi d'un nouveau médicament (Ergot) propre à faciliter et accélérer l'accouchement. Paris, 12mo.

1820. BAILLY, A. A. P. *Diss. sur l'Ergotisme. Paris, 4to.

1820. GEIGER, K. A. *De Secalis cornuti viribus medicatricibus. Monachii, 8vo, pp. 15.

1821. LACHAPELLE, Madame. Expériences sur l'emploi du Seigle Ergoté. (Ex. in *Pratique des Accouchemens*, tom. iii, p. 293.) Paris.

Of the fifty-four labours in which Madame Lachapelle employed ergot it failed in fifty-two! The explanation of this curious result, it is thought, is to be found in the fact that the ergot used by her was very old, in which state it is devoid of active properties.—*Vide Bayle, Bibl. Thérap.*, iii, p. 405.

1822. DESGRANGES, J. B. Observations pratiques sur l'administration du Seigle Ergoté, contre l'inertie de la matrice dans la parturition, &c. Montpellier, 8vo, pp. 30.

In 1777 Dr. J. B. Desgranges, of Lyons, finding ergot in use amongst the midwives of that city, made numerous trials with it in his own practice, and was so successful in its use that he devoted all his energies, through a long series of years, to bring it prominently to the notice of the profession in France. Although, therefore, he must be regarded as the introducer of this valuable agent into French practice, it was not till after the communications of Drs. Stearns (1807) and Prescott (1813) that it was adopted by American and British practitioners. For a summary of M. Desgranges' observations see *Bayle, Bibl. Thérap.*, iii, p. 387-399.

1823. KEYL, B. G. J. *De Secali cornuto ejusque vi in corpus humanum salubri et noxia. Berol. 8vo, pp. 43. *Bibl. Coll. Phys. Edin.*

1823. BIGESCHI, G. Osservazioni sulla proprietà della Segale cornuta di ranimare le dogli del parto. Firenze, 8vo.

1823. HUCHÉDÉ, P. E. F. *Considérations sur le Seigle Ergoté et son emploi dans l'art des accouchemens. Strasbourg, 4to.

1824. HOSACK, D. Observations on Ergot, &c. (In vol. ii of 'Essays on various subjects of Medical Science.') New York. *Bibl. Coll. Surg. Lond.*

For an abstract of this paper see *Med.-Chir. Rev.*, Jan., 1825., p. 59-61.

1824. LORINSER, C. Versuche und Beobachtungen über die Wirkung des Mutterkorns auf den menschlichen und thierischen Körper, grösstentheils aus octenmäss. Berol. 8vo, pp. 129.

For an account of some of Dr. Lorinser's interesting experiments and results see *Edinburgh Med. Surg. Journ.*, xxv, April, 1826, p. 253.

1825. ROBERT, E. Commentationes in Secalis cornuti historiam medico-physicam. Marburgi, pp. 65.

1826. BORDOT, L. Nouvelles recherches sur l'emploi du Seigle Ergoté comme propre à faciliter et accélérer l'accouchement. Paris, 8vo, pp. 60.

1826. LÉVEILLÉ, J. H. Mémoire sur l'Ergot, ou nouvelles recherches sur la cause et les effets de l'Ergot, considéré sous le triple rapport botanique, agricole, et médical. (Ex *Mém. de la Soc. Linn. de Paris*, 1826.) Paris, 8vo, pp. 16.

Léveillé appears to have been the first to discover that ergot is a disease of the ovary or seed caused by a parasitic fungus, which he named Sphacelaria segetum under the impression that to it was due the power of producing gangrene when taken into the stomach for any lengthened period (*Neale*). The fungoid origin of ergot has been confirmed by more recent observers.

1826. HORST, G. De Secali cornuto. Groningæ, 8vo, pp. 38.

1826. BALARDINI, L. Uso della Segale cornuta, per sollicitare il parto, ed anco la sortita delle secondine, &c. Milan, 8vo.

1827. VILLENEUVE, A. C. L. Mémoire historique sur l'emploi du Seigle Ergoté pour accélérer l'accouchement dans le cas d'inertie de la matrice. Paris, 8vo, tab. i, pp. 200.

Regarding this as the best work on ergot Dr. Neale took it as the basis of his own work. See Neale, 1828, *infrà*.

1827. COURHAUT, F. Traité de l'Ergot du Seigle, ou de ses effets sur l'économie animale, principalement la gangrène. Chalons, 8vo, pp. 105, tab. i. Deuxième éd. 1828. *Bibl. Coll. Surg. Lond.*

Mentions the frequency of abortion during epidemics of gangrenous ergotism.—*Bayle.*

1828. LAPRE, E. *Considérations sur l'emploi du Seigle Ergoté dans les accouchemens. Paris, 4to.

1828. NEALE, A. Researches on the natural history, chemical analysis, and medical virtues of the Spur or Ergot of Rye, when administered as a remedy in certain states of the uterus, &c. London, 8vo, pp. 105, 1 tab. col. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

The author, in his preface, states that in this essay it has been his object to condense within a few pages the observations contained in the work of Dr. Villeneuve, which he considers the best on the subject. Whilst, therefore, it has little claim to originality, it may be regarded as a useful summary of all that was then known about ergot. Amongst other useful matter it contains a bibliographical record up to 1827, and an interesting analytical table of 720 cases in which ergot had been employed.

1828. MICHELL, W. On difficult cases of Parturition, and the use of Ergot of Rye. London, 8vo, pp. 128. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

A very interesting dissertation on ergot (*Med.-Chir. Rev.*, Aug., 1828, p. 360). A widely different estimate of the work, however, is expressed in *American Journ. Med. Sci.*, vol. iii, 1828, p. 392, where the editor remarks he "has rarely, if ever, seen so many ill-digested opinions, or so many dangerous practical inculcations in the same number of pages." Many passages are cited in the review (extending over eighteen pages) which certainly seem to justify such a decided expression of opinion.

1829. HAESE, C S. *De Secali cornuto ejusque vi in corpus humanum salubri et inimica. Berolini, 8vo, pp. 32.

Contains a very accurate sketch of the natural history and chemistry of ergot, followed by an account of its poisonous effects (ergotism), and of its

operation as a parturifacient, together with rules for its administration, &c. These rules are in the main correct, but the very general and loose manner in which the author expresses himself is apt to mislead the inexperienced.—*American Journ. Med. Sci.*, x, 1832, p. 227.

1829. RUESCH, J. U. *Ueber das Secale cornutum als ein die Geburtsthätigkeit erhöhendes Mittel. Trogen, 8vo, pp. 28.

1830. BOUCHOR, A. *Du mode d'action et des effets thérapeutiques du Seigle Ergoté. Paris, 4to, pp. 20.

1830. HUARD, A. Propositions et observations sur les effets thérapeutiques du Seigle Ergoté. 4to, pp. 18.

1830. DOUMERS, A. J. T. *Sur l'usage du Seigle Ergoté dans l'accouchement, ou examen thérapeutique de ce médicament dans les cas d'inertie de la matrice. Paris, 4to.

1830. BARDOULAT, H. *Essai sur le Seigle Ergoté, et sur son action sur l'économie animale, principalement pour accélérer l'accouchement, &c. Paris, 4to.

1830. FINKH, J. F. *De Secale cornuto. Præs. G. Schuebler. Tubingæ, 8vo, pp. 43.

1831. FERET, J. B. *Sur l'emploi du Seigle Ergoté en médecine. Montpellier, 4to, pp. 15.

1831. PADEIRA, R. *De Secali cornuto. Berol. 8vo, pp. 45.

1831. WIGGERS, H. A. Inquisitio in Secale cornutum, respectu imprimis habito ad ejus ortum, naturam et partes constituentes, nominatim eas, quibus vires medicinales ascribendæ sunt. Commentatio præmio regio ornata. Gottingæ, 4to, pp. 78. *Bibl. Coll. Phys. Edin.*

1831. CABINI, A. Observations nouvelles sur l'emploi du Seigle Ergoté contre les Hémorrhagies actives, &c. Paris. (Ex *Archives Gén. de Méd.*, xxvii, p. 414.)

Amongst the earliest notices of the use of ergot in other hæmorrhages besides uterine are those of Drs. Spairani (*Ann. Univ. di Milano*, March 20th, 1830) and Pignacca, of Milan (ibid., 1831), which are reproduced in *Med.-Chir. Rev.*, April, 1831, p. 479, and July, 1831, p. 171. They contain instances of its successful use in epistaxis, hæmoptysis and hæmaturia, &c. See also the observations of Bazzoni, Cabini, &c., in Bayle, *Bibl. Thérap.*, iii, p. 488-527. The last-named writers likewise pointed out the value of ergot in leucorrhœa and other uterine discharges (*Bull. des Sci. Méd.*, xxvii, 1831, p. 177).

1831. MALAPERT, C. F. Diss. sur le Seigle Ergoté administré dans les accouchements laborieux contre l'inertie de la matrice. Paris, 4to.

1831. LE FRANÇOIS LA COUTURE, V. F. *Emploi du Seigle Ergoté contre l'inertie de la matrice. Paris, 4to.

1831. RENOUARD, V. P. *Considérations sur l'emploi thérapeutique du Seigle Ergoté. Paris, 4to.

1832. LEVRAT-PEROTTON, J. F. Observations et réflexions sur les propriétés obstétricales du Seigle Ergoté. Lyon, 8vo, pp. 40.

1832. SÉGUIER, P. P. *Considérations sur le Seigle Ergoté. Montpellier.

1832. GODQUIN, —. *Le Seigle Ergoté pour accélérer l'accouchement dans les cas d'inertie de la matrice. Diminution des cas où le forceps est nécessaire, par l'emploi de cette substance. Paris, 4to.

Bayle (*Bibl. Thérap.*, iii, p. 479) gives three out of twenty cases detailed in this thesis, illustrative of the value of ergot in superseding the use of the forceps under certain circumstances, and reproduces an instructive tabular record bearing on the same point.

1832. VILLENEUVE, A. C. L. Remarques et réflexions sur un Mémoire de M. le Dr. Capuron sur le Seigle Ergoté considéré sous le rapport de l'art des accouchements. Paris, 8vo, pp. 32.

1832. DIEZ, W. Ueber die Wirkungen des Mutterkorns auf den thierischen Organismus und seine Entstehungsart. Tübingen, 8vo, pp. 148.

183(2)? DOUMERC, —. Essai sur l'emploi du Seigle Ergoté. Paris, 4to.

1833. JÖRG, J. C. G. *Vide* "Stimulants," 1833.

1833. NEGRI, E. On the efficacy of Secale cornutum in Hæmorrhage and Leucorrhœa, and its effects in Gonorrhœa. Read before the Medical Society of London, November 25th, 1833. Reprint. French transl. in *Gaz. Méd. de Paris*, 1834, p. 163.

For a summary of the cases detailed in this interesting pamphlet see *Med.-Chir. Rev.*, April, 1834, p. 450 *et seq.*

1833. REID, J. S. *De Secalis cornuti effectibus. Edin. 8vo. *Bibl. Manchester Med. Soc.*

1834. FAYOLLE, A. *De l'Ergotisme gangréneux. Paris, 4to.

1834. RENAUT, —. Mode d'action du Seigle Ergoté. Paris, 4to.

1834. EVRARD, F. *Quelques mots sur le Seigle Ergoté. Strasbourg, 4to.

1834. SPAIRANI, G. Sul modo di agire della Segale cornuta sull' uomo sano ed ammalato, &c. Pavia, 8vo, pp. 63.

1834. GALAMA, S. J. Verhandeling over het Moederkoorn, &c. Gröningen, 8vo, pp. 219.

1834. MONCK, W. P. *On the medical use of Secale cornutum. Edin. 8vo.

1835. BAYLE, —. Sur le Seigle Ergoté. (In *Bibliothèque de Thérap.*, vol. iii, p. 373 *et seq.*)

A full and excellent *résumé* of preceding writers. The tabular records at the end have peculiar value and interest.

1835. DELANGE, J. F. *Essai sur l'Ergotisme gangréneux. Montpellier, 4to.

For a good account of gangrenous ergotism, including its history and views as to its nature, see abstract of a paper by Professor Tiedemann in *Edin. Med. Surg. Journ.*, lxv, p. 517-19.

1835. BOULLET, T. M. *Emploi du Seigle Ergoté. Paris, 4to.

1835. MASPERO, P. Sulla Segale cornuta Opuscolo. Venezia, 8vo, pp. 77.

1836. MASPERO, P. *De Secalis cornuti natura et effectibus in animalia. Ticini Regii, 8vo, pp. 22.

1837. GLOCKE, G. J. De Secali cornuto, ejusque viribus medicinalibus. Dorpati, 8vo, pp. 60.

1837. MOSNIER, L. T. *De l'emploi du Seigle Ergoté. Paris, 4to.

1837. LEVRAT-PERROTON, J. F. Recherches et observations sur l'emploi thérapeutique du Seigle Ergoté. Lyon, 8vo, pp. 138. Deuxième éd. Paris, 1853, 8vo, pp. 246.

1837-8. WRIGHT, S. An Experimental Inquiry into the physiological action of Ergot of Rye. Being an abridgment of the Harveian Prize Essay for the Session 1837-38. (Ex. in *Edin. Med. Surg. Journ.*, lii, p. 293-334, and liii, p. 1-35.) Edin. 8vo.

This memoir is not confined, as its title implies, to an inquiry into the physiological action of ergot, but the author treats of in succession, 1 its physical characters, 2 its chemical composition, 3 its natural history, 4 its toxicological history, 5 its physiological action, 6 its action upon the animal system when given in large and single doses by the stomach and rectum, 7 its action upon inferior animals when given in small and continued doses, 8 its action applied externally, 9 its obstetrical history, 10 its value as an obstetrical agent, 11 its power to induce premature labour in the inferior animals, and 12 its general therapeutic uses. On each of these points the author has brought together a mass of information drawn from trustworthy sources, the value of which is enhanced by numerous original experiments and observations. It is a memoir which should not be overlooked by any student of the powers and uses of ergot.

1838. ETZRODT, E. Das Mutterkorn. Würzburg, 8vo, pp. 38.

1839. SOKOLNICKI, F. *De Secali cornuto. Cracoviæ, 8vo, pp. 49.

1839. SPIERING, K. T. H. *De Secali cornuto. Berolini, 8vo, pp. 36.

1840. MORSCHER, J. *De Secali cornuto. Vindobonæ, 8vo, pp. 23.

1840. SCHUBERT, A. *De Secali cornuto et morbo cereali. Vindobonæ, 8vo, pp. 18.

1840. WARDLEWORTH, T. A. An Essay on the chemical, botanical, physical, and parturient properties of Secale cornutum. London, 12mo, pp. 69, tab. i. *Bibl. Coll. Phys. Edin.*

A practical, unpretending little brochure, containing numerous illustrative cases.—*Med.-Chir. Rev.*, July, 1841, p. 162.

1840. GIRARD DE CONQUANS, L. *De l'Ergot du Seigle comme moyen obstétrical. Paris, 4to.

1841. DERENZI, S. Sur la Gangrène produite par l'usage du Seigle Ergoté, &c. (En Italien.) Naples, 8vo.

1841. PAYAN, P. S. Mémoire sur l'action thérapeutique et l'emploi médical du Seigle Ergoté. Aix, 8vo, pp. 88.

1841. PAROLA, L. Experimenti dell' azione della Segala cornuta sulla Tisi pulmonare, &c. Cuneo, 8vo, pp. 16. *Vide* also 1848, *infrà*.

1841. RITTER, B. Ueber das Mutterkorn (Secale cornutum) in naturhist. chem. physiolog. und therapeutischer Beziehung. Heidelberg, 8vo, tab. i.

1842. NARDO, J. D. Sur les heureux effets du Seigle Ergoté dans quelques Affections Hystériques. (En Italien.) Venezia, 8vo.

1842. BONJEAN, J. Histoire physiologique, chimique, toxicologique et médicale du Seigle Ergoté. Paris et Lyon, 8vo, pp. 36.

1842. CATLETT, W. Practical remarks on certain effects of the Ergot of Rye when administered in obstetric practice. (Ex. in *Edin. Med. Surg. Journ.*, January, 1842, vol. lvii, p. 82-95.)

The three certain effects considered in this able paper are, 1 the supervention of puerperal convulsions in the mother as its remote effect, 2 the production of true hour-glass contraction of the uterus, 3 its tendency to provoke hydrocephalus in the early stage of infantile life. On each of these points the author offers some interesting remarks.

1843. FÉE, A. L. A. Mémoire sur l'Ergot du Seigle et sur quelques agames qui vivent parasites sur les épis de cette céréale. Strasbourg, 4to, pp. 46, t. 2. *Bibl. Linn. Soc.*

1843. ARNAL, —. Mémoire sur le traitement de quelques Affections de la Matrice par l'emploi de l'Extrait aqueux du Seigle Ergoté. Paris, 8vo. *Bibl. Med.-Chir. Soc.*

1843. FINIZIO, A. Nuove ricerche ed esperienze risguardanti le facoltà velenose, ostetriche ed emostatiche della Segale cornuta, e del suo modo d'agire sopra l'organismo animale. Parigi, 8vo, pp. 108.

For a notice of a work on ergot by Dr. Pardu, of Cuneo, of which I have been unable to procure the title, see *Edin. Monthly Journ. of Med. Sci.*, August, 1844, p. 714-723, where it is described as "an important essay, certainly the most complete which has yet been written on the subject." In the same journal (p. 723-727) is given an abstract of the observations of Dr. Sachevo, of Turin, on the therapeutic action and uses of ergot.

1844. GROSS, H. *Diss. medico-toxicologica de Secali cornuto. Vratislaviæ, 8vo, pp. 49.

1844. SZARZYŃSKI, S. VON. *De Secali cornuto ejusque viribus nocentibus et salutaribus. Berolini, 8vo, pp. 43.

1844. ESPEZEL, —. De l'action hyposthénisante du Seigle Ergoté. Montpellier, 8vo.

1844. VENTURINI, G. *De Secali cornuto. Paviæ, 8vo, pp. 24.

1845. KUECHENMEISTER, G. G. *De Secali cornuto. Lipsiæ, 8vo, pp. 36.

1845. BONJEAN, J. Traité théorique et pratique de l'Ergot de Seigle envisagé dans ses rapports avec l'histoire naturelle, la chimie, la toxicologie et la thérapeutique. Avec 10 planches col. Essai couronné. Paris, 8vo.

1848. HAMBURGER, W. Das Mutterkorn und seine ausserordentl. Heilwirkungen in Nervenkrankheiten, nach eigenen zahlreichen Beobachtungen und Versuchen dargestellt. Leipzig, 8vo.

1848. PAROLA, L. Nouvelles recherches expérimentales sur le mode de développement, sur l'action, et sur les principes actifs de l'Ergot des graminées. Essai couronné; traduit de l'Italien, par A. Raikem. Bruxelles, 12mo.

1849. BECK, J. B. Essays on Infant Therapeutics, to which are added Observations on Ergot. New York, 12mo, pp. 18. Third ed. New York, 1864. *Bibl. Med.-Chir. Soc.*

These observations on ergot contain nothing that is new or interesting.—*Dublin Quart. Journ. Med. Sci.*, ix, p. 113.

1849. MALHERBE, M. Résumé général des travaux publiés sur l'Ergot de Seigle. Nantes, 8vo, pp. 52.

1849. HAMBURGER, W. Über das Wesen der Asiatischen Brechruhr, und die Behandlung derselben mit Secale Cornutum. Leipzig, 12mo, pp. 116.

1854. MILLET, A. Du Seigle Ergoté, considéré sous les rapports physiologique, obstétrical et de l'hygiène publique. Mémoire couronné. (Ex *Mém. de l'Acad. Imp. de Méd.*, xviii, p. 177.) Paris, 4to, pp. 164.

1854. CHENET, C. A. C. *De l'Ergot de Seigle. Paris, 4to, pp. 26.

1855. BONJEAN, J. Emploi de l'Ergotine chez les Malades et les blessés de l'Armée de l'Orient. Chambéry, 8vo.

1855. GOUYET, D. H. *Essai sur l'emploi du Seigle Ergoté en obstétrique. Paris, 4to, pp. 41.

1855. PRIEUR, J. B. E. *De l'emploi de l'Ergot de Seigle dans les accouchements. Paris, 4to, pp. 20.

1856. ZAGGL, F. X. *Das Mutterkorn, Secale Cornutum. München, 8vo.

1856. GUILLAUD, H. *De l'Ergotisme Gangréneux. Observations prises à Lyon en 1854-1855. Paris, 4to, pp. 28.

1856. HEUSINGER, T. O. Studien über den Ergotismus, insbesondere sein Auftreten im 19 Jahrhundert; aus Anlass einer Epidemie in Oberhessen im Winter 1855-1856. Marburg, 4to, pp. 76, figs.

1856. SCHMITZ, L. *De Secali Cornuto. Disquisitiones chemico-physiologicæ. Gryphiæ, 8vo, pp. 29.

1857. BONJEAN, J. Mémoire pratique sur l'emploi de l'Ergotine, &c. Paris, 8vo, pp. 32; ibid. 1862. Italian transl. ibid. 1861. *Bibl. Manchester Med. Soc.*

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1857. DUBREUILH, C. Du Seigle Ergoté, considéré au point de vue de l'hygiène publique. (Ex *l'Union Méd. de la Gironde.*) Bordeaux, 8vo, pp. 20.

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1859. Barlan-Fontayral, F. E. Étude botanique et médicale sur le Seigle Ergoté et de l'application de l'Ergotine à la cure de la Dysenterie et de la Diarrhée chroniques. Paris, 8vo, pp. 230.

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1860. Chrestien, A. T. De l'innocuité du Seigle Ergoté, quand il est administré à propos; de son efficacité pour accélérer l'accouchement en cas d'inertie utérine et pour sauver la vie du fœtus quand elle est menacée par l'excès de lenteur de l'enfantement. Lettre deuxième. Montpellier, 8vo, pp. 52.

For his first letter on this subject see reports of Mr. Danyau in *Bull. de l'Acad. de Médecine*, xix, p. 50, et xxiv, p. 904.

1862. Carbonneaux le Perdriel, C. *De l'Ergot de Froment, de ses propriétés médicales et de ses avantages sur le Seigle Ergoté. Montpellier, 8vo, pp. 102, tab. i.

1863. Grandelément, J. M. Note historique sur l'Ergot de Blé. Clermont-Ferrand, 8vo, pp. 15.

1864. Silbert, J. S. Indication et contre-indication de l'Ergot de Seigle dans la pratique des accouchements. Paris, 4to, pp. 58.

1866. Galzain, C. *L'Ergot de Seigle en obstétrique. Paris, 4to.

1867. Ravel, C. L'Ergot de Seigle (Secale cornutum), ne serait il point quelquefois indiqué dans le Diabète sucré. (Ex *L'Art Médical*, July, 1866.) Paris, 8vo, pp. 16.

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1868. Lombard, A. *De l'emploi obstétrical du Seigle Ergoté. Paris, 4to.

1870. Bureau, A. *Essai sur le Seigle Ergoté dans les suites de couches. Paris, 4to.

1870. Ducos, J. E. *Essai sur l'action physiologique de l'Ergot de Seigle, et son emploi dans les accouchements. Paris, 4to.

1870. Holmes, C. L. *Études expérimentales sur le mode d'action de l'Ergot de Seigle. Paris, 4to, pp. 96 et pl. i.

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1871. Bonjean, J. Emploi de l'Ergotine sur les maladies et les blessés de l'armée du Rhin, comme hémostatique, cicatrisante et antiputride. Paris, 8vo, pp. 72.

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1871. HANDELIN, —. *Zur Kenntniss des Mutterkorns in physiologisch-chemischer Beziehung. Dorpat.

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1872. DELMAS, E. A. *Essai sur l'Ergot de Seigle considéré sous les rapports de la matière médicale, des effets physiologiques, des applications obstétricales et médicales. Montpellier, 4to, pp. 80.

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1873. DUBOUÉ, —. Recherches sur les propriétés thérapeutiques du Seigle Ergoté. Action comparée de divers médicaments et en particulier de la Quinine, de l'Arsenic, de l'Eau froide, du Seigle Ergoté et de la Propylamine. Paris, 8vo, pp. 223. Ibid. 1875. *Vide* "Therapeutics, General," 1875.

1873. FENOLHAC, A. *De l'Ergot de Seigle contre l'Hémoptysie. Paris, 4to.

1873. FRANQUEVILLE, E. *Des accidents causés en accouchement par l'Ergot de Seigle. Paris, 4to.

1873. GARRAN DE BALZAN, A. *De l'Ergot de Seigle. Paris, 4to.

1873. PORRO, E. Intorno alla Segala Cornuta, &c. Torino, 8vo, pp. 24.

1874. WIRNICH, A. Einige versuchsreichen über das Mutterkorn. Berlin, 8vo, pp. 76.

1874. KÖHLER, —. Über die Wirkungen der Mutterkorn präparate. Halæ, 4to, pp. 2 ?

1874. GILLETTE, —. De l'emploi du Seigle Ergoté dans le traitement du Rhumatisme articulaire aigu. Paris, 8vo.

1875. ALBERTS, O. Zur Casuistik der Behandlung von Varicen Schwangerer mit subcutanen Ergotin-Injectionen. Jena, 8vo, pp. 31.

1875. FRARI, M. Della Segala cornuta nei casi ostetrici, de suoi surrogati, e più specialmente dei preparati di Chinina. Padova, 8vo, pp. 20.

ERYTHRÆA (CHIRONIA) CENTAURIUM, Pers.

Lesser or Officinal Centaury.

1694. LEDELIUS, S. Centaurium minus, auro tamen majus. Francofurti-ad-Mœn. 8vo, pp. 308. *Bibl. Banks.*

1713. WEDEL, G. W. *De Centaurio minori. Resp. N. Chiliani. Jenæ, 4to, pp. 40. *Bibl. Banks; Linn. Soc.*

1713. SLEVOGT, J. H. Commendatio Centaurii minoris. Jenæ, 4to, pp. 8. *Bibl. Banks; Linn. Soc.*

Ejus vires per experimentum demonstrat. Varias curationes recenset, infusione, acetario, succo spissato Centaurii factas. Menses revocavit,

febrem intermittentem irregularem sustulit.—*Haller, Bibl. Bot.*, ii pp. 29, 691.

1742. MOSSIN, C. L. De Centaurio minore et Chelidonio minore. Havniæ, 4to.

1826. MELÉN, E. G. *De Erythraeis Suecanis. Diss. botanico-medica. Upsaliæ, 4to, pp. 8.

1828. SCHMIDT, W. L. E. *Dissertatio botanico-medica de Erythræa. Berol. 4to, pp. 28.

ERYTHROXYLON COCA, Lam.

The Coca of the Peruvians.

1787. JULIAN, —. Disertacion sobre Hoyo ó Coca. Lima.

1794. UNANUE, J. H. Diss. sobre el aspecto, cultivo, comercio y virtudes de la famosa planta del Perrú nombrada Coca. Lima, 4to, pp. 45, tab. i.

1860. NIEMANN, A. *Über eine neue organische Basis in dem Cocablättern. Göttingen, 8vo, pp. 52, tab. i.

1864. GOSSE, L. A. Monographie de l'Erythoxylon Coca. Bruxelles, 8vo, pp. 144.

The author has treated some parts of his subject in an exhaustive manner. He has with great industry culled from all sides a mass of interesting information concerning the history, the culture, and properties of the leaf, and it is, no doubt, due solely to want of opportunity that no experiments are detailed as to the effects of coca in his own person or experience. He had at his disposal only a small quantity of the leaves, and these by no means fresh.—*Medical Times and Gaz.*, Jan. 14, 1865, p. 45.

1867. FUENTES, M. A. Mémoire sur le Coca du Pérou : ses caractères botaniques, sa culture, ses propriétés hygiéniques et thérapeutiques. Paris, 8vo, pp. 26.

1868. MORENO Y MAIR, T. Recherches chimiques et physiologiques sur l'Erythroxylum Coca du Pérou et la Cocaïne. Paris, 8vo, pp. 90, tab. i.

The researches of Wöhler and Niemann on the chemistry, and of Paolo, Mantagezza, Reis, Rossier, Demarle, and others, on the physiological action of coca have done a good deal towards rescuing our knowledge of this remarkable agent from its previous semi-mythic condition. This essay is a meritorious attempt to carry the matter a step further, and the author possesses many qualifications for his task. M. Moreno is a native, we believe, of Peru; at any rate he has long resided there, and is perfectly well acquainted with such local information about coca as can be had. He is also evidently a good botanist and working chemist, and he has made himself familiar with all that has been done as regards the physiological action of the remedy. For an abstract of his observations see *Practitioner*, Oct., 1868, p. 233 *et seq.*

1871. GAZEAU, C. Nouvelles recherches expérimentales sur la pharmacologie, la physiologie et la thérapeutique du Coca. Paris, 8vo, pp. 71.

1875. BAIN, J. Du Coca du Pérou et de ses préparations : faits relatifs à son action physiologique et thérapeutique. Paris, 8vo, pp. 12.

ESERINE.

The Active Principle of Calabar Bean.

1870. LEVEN et LABORDE, MM. Recherches expérimentales sur l'action physiologique de l'Ésérine, alcalöide de la fève du Calabar (Physostigma venenosum). Paris, 8vo, pp. 19.

1875. BOUCHUT, E. Recherches thérapeutiques sur l'action de l'Ésérine dans la Chorée. (Ex *Bull. Gén. de Thérap.*, April 15, 1875.) Paris, 8vo, pp. 24.

This pamphlet contains the results of 437 experiments performed with eserine, either pure or in the form of sulphate. The subjects experimented upon were seven children suffering from chorea, and the remedy was given either hypodermically or by mouth in doses of $\frac{1}{32}$ to $\frac{1}{16}$ of a grain.—See, further, *London Med. Record*, May 12th, 1875, p. 294, and *Brit. For. Med.-Chir. Review*, Oct., 1875, p. 447.

1875. DELAMARRE, C. L. *Traitement du Tétanos traumatique par le Sulfate d'Ésérine. Paris, 4to.

1875. SUAREZ Y CRUZ, A. *Du mode d'emploi du Sulfate d'Ésérine dans le traitement du Tétanos. Paris, 4to.

Vide also "Physostigma venenosum."

ETHER. ÆTHER.

Including Nitric, Sulphuric and Chloric Ether.

1674. MAYOW, J. Tractatus medico-physici. 1. De Sal Nitro et Spiritu Nitro-ãerio. Oxon. 8vo. *Bibl. Acad. Edin.*

1732. HOFFMANN, F. Diss. de Acido Vitrioli vinoso. Halæ, 4to.

1757. BAUMÉ, M. Sur l'Æther. Paris, 12mo. *Bibl. Med. Soc. Lond.*

1761. TURNER, M. Account of an extraordinary medicinal fluid called Æther. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1770. [Anon.] Diss. sur la nature de l'Esprit de Nitre dulcifié. London, 8vo. *Bibl. Acad. Edin.*

1778. NAVIER, P. T. Contrepoison de l'Arsenic, &c., avec trois dissertations sur le Mercure et l'Éther nitreux, &c. Paris, 2 vols. 12mo. *Bibl. Acad. Edin.*

1778. VICQ D'AZYR, —. *An Æther Hemicraniæ nervosæ? Paris, 4to.

1788. TICKELL, W. Account of a new chymical medicine entitled Spiritus Æthereus Anodynus (Spt. Etheris Sulphurici comp.). *Bibl. Radcliffe; Coll. Surg. Lond.*

1790. GIBNAY, J. *Diss. de Æthere. Edin. 8vo. *Bibl. Acad. Edin.*

1791. HÜLSENKAMP, A. H. *Diss. chem.-medica, quædam de Æthere Vitriolico experimenta exhibens. Groningæ, 8vo, pp. 39.

1802. BOURGOGNE, L. *Diss. sur les Éthers employés en médecine. Montpellier, 4to.

1807. Boullay, P. F. G. Mémoire sur les Éthers. Paris, 8vo, pp. 39. Ibid. 1815. *Bibl. Coll. Surg. Lond.*

1808. Hunter, F. *Diss. de Æthere. Edin. 8vo.

1810. Broquier, A. B. *Diss. sur l'Éther. Montpellier, 4to.

1818. Savourat, T. T. *Essai sur les Éthers les plus usités dans la pratique médicale. Strasbourg, 4to, pp. 44.

1840. Taussig, L. De Liquore Anodyno Minerali Hoffmanni (Spiritus Etheris Sulphurici comp.). Patavii, 8vo, pp. 24.

1847. Bromberger, J. De Ætheris Sulphurici vaporibus. Berol. 8vo. *Bibl. Manchester Med. Soc.*

1847. Brown, B. On the pathological and physiological effects of Ether Inhalation. Boston, U.S. 8vo.

1847. Lach, F. J. De l'Éther Sulfurique, de son action physiologique, et de son application à la chirurgie, aux accouchements, à la médecine. Paris, 8vo. *Bibl. Coll. Surg. Lond.*

1848. Wucherer, G. Die Inhalation und Örtl. Anwendung d. Schwefeläthers und Chloräthers als Heilmittel. Freigburg-im-Br. 8vo.

1848. Chambert, H. Des effets physiologiques et thérapeutiques des Éthers. Paris, 8vo, pp. 260.

Contains a *résumé* of all the facts known up to date relating to effects and employment of ether.

1857. Roux, A. L. Mémoire sur la dilution du sang par l'Éther Sulfurique soufré comme moyen préventif et curatif du Choléra. Paris, 4to, pp. 16.

1860. Delioux de Savignac. Premiers essais de l'instillation de l'Éther dans les Surdités liées à un état rhumatismal. (Ex. in *Bull. de Thérap.*, lviii, p. 415.) Paris.

1860. Fonssagrives, J. B. Note sur l'emploi de la seringue Charrière Pravaz, pour pratiquer les instillations d'Éther Sulfurique dans le traitement de la Surdité nerveuse. (Ex in *Bull. de Thérap.*, lvii, 1860, p. 462.) Paris.

1864. Anstie, F. E. Stimulants and Narcotics: their mutual relations, with special researches on the action of Alcohol, Ether and Chloroform on the vital organism. *Vide* "Stimulants," 1864. London, 8vo, pp. 510.

1868. Foster, B. W. The use of Ether and Etherized Cod-liver Oil in the treatment of Phthisis. London, 8vo, pp. 7.

1875. Fabry, A. *Du traitement de la Chorée par les pulvérisations d'Éther, et les lotions glacées le long de la colonne vertébrale. Paris, 4to.

For Ether as an Anæsthetic, see Art. "Anæsthetics."

EUCALYPTUS GLOBULUS, Labil.

1870. GIMBERT, —. L'Eucalyptus globulus, son importance en agriculture, en hygiène et en médecine. Paris, 8vo, pp. 36. Italian transl. Clichy, 1873, 8vo, pp. 108.

1871. GUBLER, A. Sur l'Eucalyptus globulus et son emploi thérapeutique. (Ex *Bull. Gén. de Thérap.*, 1871, p. 145, 193.) Paris, 8vo, pp. 31, pl. i.

Contains a full account of the tree and of the method of employing its preparations in the treatment of those diseases in which it is asserted to exert a beneficial influence. See *Edin. Med. Surg. Journ.*, November, 1872, p. 470-476, where will be found also much information drawn from a variety of sources as to the action and therapeutic uses of this remedy.

1872. TAILLOTTE, A. J. V. *De l'Eucalyptus globulus, au point de vue botanique et chimique, et de ses principales applications à la médecine, à l'hygiène, &c. Montpellier, 4to, pp. 55.

1872. BRUNEL, A. Observations cliniques sur l'Eucalyptus globulus (Tasmanian Blue Gum). Paris, 8vo, pp. 56.

1872. CARLOTTI, R. L'Eucalyptus globulus, son rang parmi les agents de la Matière Médicale. Paris, 8vo, pp. 52.

1872. CASTAN, A. Du traitement des Fièvres Intermittentes par l'Eucalyptus globulus. Montpellier, 8vo, pp. 31.

1872. DEBRAY, E. De l'Eucalyptus globulus. Paris, 8vo, pp. 65.

1872. BOUILLON, F. *Propriétés thérapeutiques de l'Eucalyptus globulus. Paris, 4to.

1872. CAMPION, J. *L'Eucalyptus globulus et Eucalyptol. Paris, 4to.

1873. SIEGEN, T. *Ueber die pharmacologischen Eigenschaften von Eucalyptus globulus. Bonn, 4to.

From clinical experience Siegen concludes that large doses of eucalyptol are very beneficial in febrile diseases of the respiratory organs, especially in hooping-cough. Large doses (fifteen drops every two hours to a child eight years old) produced no bad effects. In several cases it acted as an anthelmintic.—*London Med. Record*, February 4th, 1874, p. 71.

1873. GIMBERT, —. Étude des applications thérapeutiques de l'Eucalyptus globulus. Paris, 8vo, pp. 44.

1873. WASSERZUG, E. Étude sur quelques formes compliquées de la Fièvre Intermittente et leur traitement par l'Eucalyptus globulus, &c. Paris, 8vo, pp. 99.

1874. SCHLÄGER, H. *Untersuchungen über die physiologische Wirkung von Eucalyptus globulus. Göttingen, 8vo, pp. 40.

For an abstract of Dr. Schläger's experiments, having special reference to the subcutaneous injection of eucalyptol, see *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 510.

1874. ORTAL, A. *De l'Eucalyptus globulus et de ses principales applications à la médecine et à l'hygiène. Paris, 4to.

EUGENIA PIMENTA, DC.

Pimenta or Piminto.

1780. ORTEGA, C. G. DE. Historia natural de la Malagueta o Pimienta de Tavasco, &c. Madrid, 4to, pp. 34, tab. i. *Bibl. Banks; Linn. Soc.*

EUPATORIUM, Sp. of.

n. d. BACKER, —. Diss. sur les Eupatoires. 4to, pp. 28.

This work is given on the authority of Mérat and De Lens. It is not mentioned by Pritzel.

1813. ANDERSON, A. *Dissertation on the Eupatorium perfoliatum (*Lin.*). New York, 8vo, pp. 75. *Bibl. Med. Soc. Edin.; Manchester Med. Soc.*

Dr. Anderson furnishes numerous elaborate chemical experiments on different parts of this plant, concluding that the leaves are possessed of the greatest activity. . . . He details six cases out of a large number of periodical fevers in which recovery under its use took place at as early a period as could have been expected from arsenic or cinchona. He also cites the experience of Drs. Hosack, Barton, and others, to show that eupatorium is efficacious in various febrile disorders, skin diseases, and general debility.—*Bigelow, Amer. Med. Bot.*, i, p. 3.

1841. BARRATT, J. Eupatoria verticillata. Middletown, Conn. U.S. 4to. *Bibl. Lin. Soc.*

EUPHORBIA.

Various Species of, and Euphorbium.

1752. LINNÆUS, C. Euphorbia ejusque historia naturalis et medica. Resp. J. Wiman. Upsaliæ, 4to, pp. 33. Idem in *Amœn. Acad.*, iii, p. 190. *Bibl. Banks.; Med. Soc. Lond.* (*sub nom.* Wiman).

Mainly botanical, containing descriptions of fifty-three species of euphorbia. The section "Vires" is very meagre, occupying only the last two pages.

1823. MARINCOVICH, P. *De succo Tithymalorum ejusque analisi. Patav. 8vo, pp. 24.

1824. JUSSIEU, A. DE. De Euphorbiacearum generibus medicisque earumdem viribus tentamen. Paris, 4to, pp. 118, tab. 18. *Bibl. Radcliffe.*

1828. ANDREJEWSKY, E. S. VON. Ueber die Wurzel der Euphorbia villosa gegen die Hundswuth. Berlin, 8vo, pp. 19, tab. col. i.

1831. LANDSBERG, M. Pharmacographia Euphorbiacearum. Berlin, 8vo, pp. 100. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*

1834. DAENZER, F. G. Des Euphorbiacées et en particulier de celles usitées en médecine, dans l'économie domestique et dans les arts. Strasbourg, 4to, pp. 82.

1835. DUBREUIL, H. *Histoire naturelle et médicale des quelques végétaux de la famille des Euphorbiacées. Paris, 4to, pp. 28.

1838. VEITCH, P. D. Experiments and observations on the medicinal properties of Euphorbium. (Ex. in *Edinburgh Med. Surg. Journ.*, xlix, 1838, p. 483.)

A very interesting communication, containing many particulars regarding euphorbium not to be found elsewhere.

1857. KRICH, G. F. *Experimenta quædam pharmacologica de Oleis Ricini, Crotoni, et Euphorbiæ lathyridis.
Dorpati Liv. 8vo, pp. 50.

For an account of the purgative action of the oil of Euphorbia lathyris, by Dr. Calderini, of Milan, see *Med.-Chir. Rev.*, July, 1825, p. 273-5, to which is appended a case of poisoning by Euphorbia peplus.

1858. O'RORKE, —. De quelques produits des Euphorbiacées et en particulier de l'huile d'Aleurites triloba comme purgatif. (Ex *Recueil des travaux de la Soc. d'Émulation pour les Sci. Pharm.*, vol. ii, et *Répertoire de Pharm.*, Feb., 1858.) Paris, 8vo, pp. 8.

1866. WARING, E. J. On the purgative action of certain Euphorbiaceous seeds. (Ex. in *Pharm. Journ.*, May, 1866, pp. 550-560.

The seeds of plants examined in this paper are those of Croton Tiglium, Curcas purgans, Euphorbia Lathyris, Anda Gomesii, Hura crepitans, Ricinus communis, Aleurites triloba and Omphalea triandra. The relative powers of these seeds as purgatives are considered, followed by general remarks especially on the value of lime juice and other vegetable acids in controlling hypercatharsis and other ill effects.

EUPHRASIA OFFICINALIS, Linn.

Eye-bright.

1717. FRANK vel FRANCUS, J. Spicilegium de Euphrasia herba, medicina polychresta verum oculorum solamen.
Francofurti et Lipsiæ, 8vo, pp. 80. *Bibl. Banks; Med. Soc. Lond.*

In common with Gordonus, Zornius, Camerarius, and others, Frank extols this plant as a valuable remedy in a great variety of eye diseases.

1857. KRANICHFELD, F. W. G. Ueber die Heilkräfte des Augentrostes (Euphrasia officinalis) und über die pharmaceutischen Zubereitungen derselben, &c. Berlin, 8vo, pp. 35.

Prof. Kranichfeld states that this plant is particularly useful in catarrhal inflammation of the eyes; he also found it beneficial in cough, hoarseness, earache, and headache, supervening on catarrhal affections.—*Redwood*, ex *Med. Gaz.*, xx, p. 528.

END OF FIRST VOLUME.